

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014864.D
 Acq On : 27 Apr 2023 04:56
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Quant Time: Apr 27 05:42:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
 Supervised By :Jagrut Upadhyay 04/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	353458	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1511374	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	939888	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	2008205	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	1409808	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1338515	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	67747	7.536	ng/uL	0.00
4) Pyridine-d5	3.940	84	510857	19.593	ng/u1	0.00
7) Phenol-d5	7.340	99	643350	20.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	377631	19.557	ng/u1	0.00
11) 2-Chlorophenol-d4	7.728	132	505095	21.289	ng/u1	0.00
15) 4-Methylphenol-d8	8.910	113	513961	19.915	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	247055	21.837	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	275719	23.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	526873	21.798	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	729327	21.028	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1494978	20.499	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1825935	21.839	ng/u1	0.00
54) 4-Nitrophenol-d4	15.010	143	279116	21.008	ng/u1	0.00
60) Fluorene-d10	15.822	176	1320096	21.261	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	202001	18.128	ng/u1	0.00
73) Anthracene-d10	17.681	188	2013652	21.354	ng/u1	0.00
81) Pyrene-d10	19.892	212	2164464	25.252	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.080	264	1486678	21.424	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	72820	7.506	ng/uL	95
5) Pyridine	3.958	79	515859	19.297	ng/u1	98
6) Benzaldehyde	7.328	77	378276	24.516	ng/u1	98
8) Phenol	7.369	94	667562	19.977	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.611	93	525277	19.609	ng/u1	98
12) 2-Chlorophenol	7.758	128	517172	20.899	ng/u1	98
13) 2-Methylphenol	8.640	108	508012	20.155	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.734	45	657726	19.702	ng/u1	99
16) Acetophenone	9.034	105	830431	20.569	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.016	70	402337	19.473	ng/u1	99
18) 4-Methylphenol	8.969	108	555287	19.679	ng/u1	97
19) Hexachloroethane	9.299	117	216513	21.689	ng/u1	98
22) Nitrobenzene	9.422	77	605540	21.040	ng/u1	98
23) Isophorone	9.946	82	1189275	20.004	ng/u1	100
25) 2-Nitrophenol	10.140	139	290130	22.350	ng/u1	96
26) 2,4-Dimethylphenol	10.187	107	599398	20.809	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.428	93	731657	19.548	ng/u1	99
29) 2,4-Dichlorophenol	10.675	162	521768	21.664	ng/u1	97
30) Naphthalene	11.087	128	1755234	20.996	ng/u1	99
32) 4-Chloroaniline	11.187	127	730592	20.907	ng/u1	100
33) Hexachlorobutadiene	11.369	225	331970	21.671	ng/u1	100
34) Caprolactam	11.957	113	168700m	21.245	ng/u1	
35) 4-Chloro-3-methylphenol	12.293	107	551842	20.692	ng/u1	99
36) 2-Methylnaphthalene	12.675	142	1184389	20.866	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014864.D
 Acq On : 27 Apr 2023 04:56
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020687

Quant Time: Apr 27 05:42:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.893	142	1176159	20.785	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.040	216	653495	22.193	ng/ul	99
40) Hexachlorocyclopentadiene	13.022	237	306780	17.979	ng/ul	99
41) 2,4,6-Trichlorophenol	13.269	196	425322	22.757	ng/ul	100
42) 2,4,5-Trichlorophenol	13.340	196	460250	22.283	ng/ul	98
43) 1,1'-Biphenyl	13.669	154	1584200	21.442	ng/ul	100
44) 2-Chloronaphthalene	13.716	162	1258778	21.763	ng/ul	99
45) 2-Nitroaniline	13.910	65	333642	23.032	ng/ul	98
47) Dimethylphthalate	14.281	163	1492505	20.419	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	296367	22.630	ng/ul	94
50) Acenaphthylene	14.557	152	1946958	21.562	ng/ul	100
51) 3-Nitroaniline	14.728	138	333569	23.221	ng/ul	98
52) Acenaphthene	14.898	153	1329661	21.422	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	116361	15.082	ng/ul	97
55) 4-Nitrophenol	15.022	109	210174	21.142	ng/ul	98
56) Dibenzofuran	15.228	168	1843500	21.090	ng/ul	100
57) 2,4-Dinitrotoluene	15.187	165	426218	22.087	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.451	232	390206	22.404	ng/ul	97
59) Diethylphthalate	15.640	149	1479261	20.898	ng/ul	100
61) Fluorene	15.881	166	1467685	21.285	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.863	204	735929	21.053	ng/ul	99
63) 4-Nitroaniline	15.892	138	338855	26.152	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.945	198	200403	17.893	ng/ul	95
67) N-Nitrosodiphenylamine	16.081	169	1254883	21.247	ng/ul	100
68) 4-Bromophenyl-phenylether	16.763	248	466839	21.484	ng/ul	98
69) Hexachlorobenzene	16.887	284	539380	21.404	ng/ul	97
70) Atrazine	17.028	200	455857	22.584	ng/ul	98
71) Pentachlorophenol	17.228	266	320334	21.669	ng/ul	99
72) Phenanthrene	17.628	178	2341134	21.288	ng/ul	99
74) Anthracene	17.716	178	2363930	21.320	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	664990	22.244	ng/ul	99
76) Pentachlorobenzene	15.151	250	645991	21.887	ng/ul	99
77) Carbazole	17.975	167	2112186	22.382	ng/ul	99
78) Di-n-butylphthalate	18.510	149	2585261	23.082	ng/ul	99
80) Fluoranthene	19.569	202	2609111	25.829	ng/ul	100
82) Pyrene	19.922	202	2620086	25.079	ng/ul	98
83) Butylbenzylphthalate	20.769	149	1048612	29.915	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.557	252	638406	21.701	ng/ul	99
85) Benzo(a)anthracene	21.633	228	2120524	21.621	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1529103	29.385	ng/ul	100
87) Chrysene	21.692	228	1973686	21.228	ng/ul	99
89) Di-n-octyl phthalate	22.522	149	2277352	25.592	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1863220	20.326	ng/ul	100
91) Benzo(k)fluoranthene	23.504	252	1830105	20.585	ng/ul	100
93) Benzo(a)pyrene	24.133	252	1619652	20.860	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.015	276	2096710	23.948	ng/ul	99
95) Dibenzo(a,h)anthracene	27.033	278	1735367	23.766	ng/ul	99
96) Benzo(g,h,i)perylene	27.862	276	1706261	24.598	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

