

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014830.D
 Acq On : 26 Apr 2023 09:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020685

Quant Time: Apr 26 22:37:24 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	324095	20.000	ng/u1	0.00
20) Naphthalene-d8	11.040	136	1427760	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.840	164	917885	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.587	188	1983492	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	1638075	20.000	ng/u1	0.00
88) Perylene-d12	24.263	264	1533893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	72665	8.815	ng/uL	0.00
4) Pyridine-d5	3.940	84	533918	22.333	ng/u1	0.00
7) Phenol-d5	7.340	99	628044	21.317	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	389563	22.003	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	471140	21.657	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	505153	21.347	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	235130	22.000	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	242560	22.080	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	500218	21.907	ng/u1	0.00
31) 4-Chloroaniline-d4	11.169	131	730220	22.287	ng/u1	0.00
46) Dimethylphthalate-d6	14.240	166	1561717	21.927	ng/u1	0.00
49) Acenaphthylene-d8	14.534	160	1811686	22.188	ng/u1	0.00
54) 4-Nitrophenol-d4	15.016	143	276782	21.331	ng/u1	0.01
60) Fluorene-d10	15.828	176	1332450	21.974	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.940	200	227982	20.714	ng/u1	0.01
73) Anthracene-d10	17.687	188	2044253	21.949	ng/u1	0.00
81) Pyrene-d10	19.898	212	2258161	22.674	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.092	264	1731463	21.774	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.540	88	78420	8.816	ng/uL	98
5) Pyridine	3.958	79	546342	22.289	ng/u1	98
6) Benzaldehyde	7.328	77	371110	26.230	ng/u1	100
8) Phenol	7.369	94	663309	21.648	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.611	93	534941	21.779	ng/u1	98
12) 2-Chlorophenol	7.758	128	489328	21.565	ng/u1	99
13) 2-Methylphenol	8.640	108	495140	21.424	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.734	45	670485	21.903	ng/u1	100
16) Acetophenone	9.034	105	845066	22.828	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.022	70	421152	22.231	ng/u1	97
18) 4-Methylphenol	8.969	108	549559	21.241	ng/u1	97
19) Hexachloroethane	9.299	117	194554	21.255	ng/u1	98
22) Nitrobenzene	9.422	77	604360	22.229	ng/u1	99
23) Isophorone	9.952	82	1228136	21.867	ng/u1	100
25) 2-Nitrophenol	10.140	139	273367	22.292	ng/u1	97
26) 2,4-Dimethylphenol	10.187	107	595384	21.880	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.434	93	760658	21.513	ng/u1	99
29) 2,4-Dichlorophenol	10.675	162	503363	22.123	ng/u1	98
30) Naphthalene	11.087	128	1699066	21.514	ng/u1	99
32) 4-Chloroaniline	11.193	127	737768	22.349	ng/u1	100
33) Hexachlorobutadiene	11.375	225	313439	21.660	ng/u1	99
34) Caprolactam	11.957	113	158193m	21.088	ng/u1	
35) 4-Chloro-3-methylphenol	12.293	107	551101	21.875	ng/u1	98
36) 2-Methylnaphthalene	12.681	142	1163802	21.704	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.899	142	1155028	21.607	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.040	216	629544	21.892	ng/ul	99
40) Hexachlorocyclopentadiene	13.022	237	355324	21.324	ng/ul	99
41) 2,4,6-Trichlorophenol	13.275	196	407661	22.335	ng/ul	99
42) 2,4,5-Trichlorophenol	13.346	196	450751	22.347	ng/ul	97
43) 1,1'-Biphenyl	13.675	154	1584120	21.955	ng/ul	100
44) 2-Chloronaphthalene	13.722	162	1240056	21.954	ng/ul	99
45) 2-Nitroaniline	13.916	65	328036	23.188	ng/ul	98
47) Dimethylphthalate	14.287	163	1555433	21.790	ng/ul	100
48) 2,6-Dinitrotoluene	14.404	165	291533	22.794	ng/ul	100
50) Acenaphthylene	14.563	152	1942817	22.031	ng/ul	99
51) 3-Nitroaniline	14.734	138	313022	22.313	ng/ul	95
52) Acenaphthene	14.904	153	1329535	21.934	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	141327	18.757	ng/ul	97
55) 4-Nitrophenol	15.028	109	214113	22.054	ng/ul	98
56) Dibenzofuran	15.234	168	1853500	21.713	ng/ul	100
57) 2,4-Dinitrotoluene	15.187	165	425395	22.573	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.451	232	373021	21.931	ng/ul	99
59) Diethylphthalate	15.645	149	1512492	21.880	ng/ul	100
61) Fluorene	15.881	166	1498253	22.249	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.869	204	747699	21.902	ng/ul	99
63) 4-Nitroaniline	15.898	138	305759	24.163	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.951	198	234038	21.156	ng/ul	98
67) N-Nitrosodiphenylamine	16.087	169	1282008	21.977	ng/ul	100
68) 4-Bromophenyl-phenylether	16.769	248	464868	21.659	ng/ul	98
69) Hexachlorobenzene	16.887	284	539574	21.678	ng/ul	98
70) Atrazine	17.034	200	452393	22.691	ng/ul	99
71) Pentachlorophenol	17.228	266	310928	21.295	ng/ul	98
72) Phenanthrene	17.634	178	2378683	21.899	ng/ul	100
74) Anthracene	17.722	178	2424033	22.134	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.646	216	649488	21.996	ng/ul	99
76) Pentachlorobenzene	15.151	250	638170	21.891	ng/ul	99
77) Carbazole	17.981	167	2117755	22.720	ng/ul	99
78) Di-n-butylphthalate	18.516	149	2513112	22.717	ng/ul	100
80) Fluoranthene	19.575	202	2683833	22.867	ng/ul	99
82) Pyrene	19.928	202	2792241	23.002	ng/ul	100
83) Butylbenzylphthalate	20.781	149	952288	23.381	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.569	252	748176	21.888	ng/ul	99
85) Benzo(a)anthracene	21.645	228	2500959	21.947	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.545	149	1402621	23.198	ng/ul	99
87) Chrysene	21.698	228	2354731	21.797	ng/ul	99
89) Di-n-octyl phthalate	22.539	149	2214261	21.713	ng/ul	100
90) Benzo(b)fluoranthene	23.463	252	2247328	21.393	ng/ul	99
91) Benzo(k)fluoranthene	23.516	252	2229999	21.888	ng/ul	99
93) Benzo(a)pyrene	24.151	252	1935854	21.757	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.033	276	2300580	22.929	ng/ul	98
95) Dibenzo(a,h)anthracene	27.051	278	1923354	22.986	ng/ul	99
96) Benzo(g,h,i)perylene	27.880	276	1822197	22.923	ng/ul	99

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

