

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
 Data File : BP014711.D
 Acq On : 13 Apr 2023 13:56
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020676

Quant Time: Apr 14 00:56:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 13 02:01:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	103511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	431078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.622	164	252299	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	461237	20.000	ng/u1	0.00
79) Chrysene-d12	21.475	240	438718	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	504991	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	26332	9.865	ng/uL	0.00
4) Pyridine-d5	3.793	84	167594	24.501	ng/u1	0.00
7) Phenol-d5	7.140	99	204770	21.450	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	146752	23.960	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	155229	22.498	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	167009	21.689	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	77009	22.129	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	88314	22.162	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	158079	21.782	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	196425	20.548	ng/u1	0.00
46) Dimethylphthalate-d6	14.034	166	436172	21.322	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	512167	22.563	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	49840	16.127	ng/u1	0.00
60) Fluorene-d10	15.622	176	360403	21.126	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	66412	19.568	ng/u1	0.00
73) Anthracene-d10	17.487	188	499129	22.361	ng/u1	0.00
81) Pyrene-d10	19.716	212	545127	18.499	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	598467	22.306	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	29759	10.145	ng/uL	93
5) Pyridine	3.811	79	173909	24.295	ng/u1	90
6) Benzaldehyde	7.117	77	135401	28.535	ng/u1	99
8) Phenol	7.169	94	220454	22.261	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.393	93	178407	22.418	ng/u1	93
12) 2-Chlorophenol	7.534	128	159750	22.245	ng/u1	90
13) 2-Methylphenol	8.428	108	161188	21.826	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	274482	26.269	ng/u1	98
16) Acetophenone	8.811	105	282488	22.216	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.787	70	163275	23.769	ng/u1#	89
18) 4-Methylphenol	8.758	108	173321	21.369	ng/u1	94
19) Hexachloroethane	9.052	117	74634	23.786	ng/u1	91
22) Nitrobenzene	9.193	77	238687	23.875	ng/u1	98
23) Isophorone	9.716	82	416524	22.602	ng/u1	99
25) 2-Nitrophenol	9.905	139	92599	22.016	ng/u1	89
26) 2,4-Dimethylphenol	9.963	107	213631	22.693	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.199	93	246822	22.339	ng/u1	99
29) 2,4-Dichlorophenol	10.446	162	153609	21.508	ng/u1	97
30) Naphthalene	10.840	128	542624	22.598	ng/u1	98
32) 4-Chloroaniline	10.969	127	203774	21.046	ng/u1	97
33) Hexachlorobutadiene	11.110	225	119821	21.176	ng/u1	99
34) Caprolactam	11.775	113	39397m	18.672	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	179692	20.455	ng/u1	100
36) 2-Methylnaphthalene	12.452	142	346711	21.306	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	348046	21.566	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	201811	22.435	ng/ul	97
40) Hexachlorocyclopentadiene	12.781	237	112602	19.330	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	121473	21.822	ng/ul	98
42) 2,4,5-Trichlorophenol	13.140	196	123387	20.821	ng/ul	98
43) 1,1'-Biphenyl	13.457	154	472446	23.178	ng/ul	98
44) 2-Chloronaphthalene	13.499	162	366585	22.745	ng/ul	99
45) 2-Nitroaniline	13.722	65	117735	23.589	ng/ul	91
47) Dimethylphthalate	14.081	163	429882	21.017	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	86322	21.601	ng/ul	90
50) Acenaphthylene	14.346	152	551976	22.833	ng/ul	99
51) 3-Nitroaniline	14.551	138	68890	19.243	ng/ul	95
52) Acenaphthene	14.687	153	382801	22.409	ng/ul	99
53) 2,4-Dinitrophenol	14.769	184	37448	14.471	ng/ul#	82
55) 4-Nitrophenol	14.869	109	49147	16.113	ng/ul	91
56) Dibenzofuran	15.022	168	523033	21.780	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	115162	20.316	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.257	232	105264	19.764	ng/ul	93
59) Diethylphthalate	15.440	149	416878	20.510	ng/ul	98
61) Fluorene	15.675	166	418107	21.480	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	215372	20.595	ng/ul	97
63) 4-Nitroaniline	15.722	138	58408m	20.080	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	67642	20.566	ng/ul	91
67) N-Nitrosodiphenylamine	15.887	169	335137	23.353	ng/ul	99
68) 4-Bromophenyl-phenylether	16.569	248	123974	21.600	ng/ul	99
69) Hexachlorobenzene	16.681	284	140599	21.327	ng/ul	95
70) Atrazine	16.845	200	114231	21.866	ng/ul	100
71) Pentachlorophenol	17.040	266	74273	19.447	ng/ul	94
72) Phenanthrene	17.428	178	593671	23.136	ng/ul	99
74) Anthracene	17.522	178	599238	23.170	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	204275	25.160	ng/uL	98
76) Pentachlorobenzene	14.940	250	186568	23.030	ng/uL	97
77) Carbazole	17.798	167	483379	22.334	ng/ul	100
78) Di-n-butylphthalate	18.328	149	594413	21.842	ng/ul	99
80) Fluoranthene	19.392	202	636391	18.265	ng/ul	98
82) Pyrene	19.751	202	679016	18.666	ng/ul	99
83) Butylbenzylphthalate	20.610	149	254938	20.346	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	206445	21.277	ng/ul	97
85) Benzo(a)anthracene	21.463	228	689999	22.194	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	374100	21.833	ng/ul#	97
87) Chrysene	21.516	228	657908	22.412	ng/ul	100
89) Di-n-octyl phthalate	22.310	149	678024	20.690	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	746613	21.891	ng/ul	100
91) Benzo(k)fluoranthene	23.257	252	739715	22.331	ng/ul	97
93) Benzo(a)pyrene	23.863	252	659901	22.478	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.592	276	897498	22.221	ng/ul	97
95) Dibenzo(a,h)anthracene	26.610	278	752613	22.256	ng/ul	99
96) Benzo(g,h,i)perylene	27.404	276	744005	22.599	ng/ul	99

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

