

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040722\
 Data File : BP009703.D
 Acq On : 07 Apr 2022 17:29
 Operator : CG/JU
 Sample : SSTD08020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080620

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/08/2022
 Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 07 18:18:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 18:14:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	123006	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	535286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	370432	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	815626	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.451	240	833775	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	799779	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	85493	27.935	ng/uL	0.00
4) Pyridine-d5	3.805	84	621616	81.403	ng/ul	0.00
7) Phenol-d5	7.140	99	892278	89.546	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.311	67	514357	86.012	ng/ul	0.00
11) 2-Chlorophenol-d4	7.511	132	689438	88.498	ng/ul	0.00
15) 4-Methylphenol-d8	8.693	113	735506	96.562	ng/ul	0.01
21) Nitrobenzene-d5	9.146	128	347518	111.323	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	398546	134.699	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	761888	96.643	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1043969	93.648	ng/ul	0.00
46) Dimethylphthalate-d6	14.028	166	2346029	90.368	ng/ul	0.00
49) Acenaphthylene-d8	14.310	160	2887035	84.166	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	447008	108.726	ng/ul	0.02
60) Fluorene-d10	15.610	176	1980689	87.685	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	442260	133.590	ng/ul	0.02
73) Anthracene-d10	17.469	188	3184967	83.088	ng/ul	0.00
81) Pyrene-d10	19.698	212	3799093	82.892	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.780	264	3563312	88.089	ng/ul	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	85940	28.083	ng/uL#	26
5) Pyridine	3.828	79	639863	78.970	ng/ul#	44
6) Benzaldehyde	7.111	77	334739	57.099	ng/ul	97
8) Phenol	7.164	94	892001	88.926	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.405	93	675208	84.332	ng/ul#	79
12) 2-Chlorophenol	7.546	128	686295	87.049	ng/ul	93
13) 2-Methylphenol	8.422	108	685084	91.548	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.516	45	987901	102.611	ng/ul#	84
16) Acetophenone	8.810	105	1132620	97.331	ng/ul#	80
17) N-Nitroso-di-n-propyla...	8.810	70	592460	102.181	ng/ul#	74
18) 4-Methylphenol	8.763	108	745469	94.764	ng/ul	94
19) Hexachloroethane	9.069	117	284424	88.359	ng/ul#	82
22) Nitrobenzene	9.187	77	847534	104.254	ng/ul#	84
23) Isophorone	9.728	82	1701074	94.643	ng/ul	96
25) 2-Nitrophenol	9.899	139	412001	119.007	ng/ul#	87
26) 2,4-Dimethylphenol	9.963	107	891593	95.402	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.205	93	963007	87.630	ng/ul#	97
29) 2,4-Dichlorophenol	10.440	162	728118	93.803	ng/ul#	83
30) Naphthalene	10.846	128	2255390	82.930	ng/ul	97
32) 4-Chloroaniline	10.946	127	1035973	93.906	ng/ul	98
33) Hexachlorobutadiene	11.140	225	511207	90.881	ng/ul	94
34) Caprolactam	11.746	113	234524m	104.702	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	851466	108.350	ng/ul#	71
36) 2-Methylnaphthalene	12.446	142	1617754	88.764	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.663	142	1629859	89.443	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.816	216	955527	81.110	ng/ul	92
40) Hexachlorocyclopentadiene	12.804	237	677882	91.617	ng/ul	95
41) 2,4,6-Trichlorophenol	13.051	196	615156	90.173	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.122	196	667128	92.432	ng/ul#	86
43) 1,1'-Biphenyl	13.451	154	2215641	78.364	ng/ul	94
44) 2-Chloronaphthalene	13.493	162	1714645	79.742	ng/ul	94
45) 2-Nitroaniline	13.693	65	577667	152.836	ng/ul#	83
47) Dimethylphthalate	14.075	163	2269966	90.343	ng/ul#	92
48) 2,6-Dinitrotoluene	14.187	165	486296	141.637	ng/ul	95
50) Acenaphthylene	14.340	152	2811045	82.658	ng/ul	96
51) 3-Nitroaniline	14.510	138	439835	101.461	ng/ul#	81
52) Acenaphthene	14.681	153	1826017	82.619	ng/ul	97
53) 2,4-Dinitrophenol	14.716	184	292072	139.148	ng/ul#	81
55) 4-Nitrophenol	14.822	109	404702	124.565	ng/ul#	55
56) Dibenzofuran	15.016	168	2621574	83.852	ng/ul	97
57) 2,4-Dinitrotoluene	14.975	165	699925	141.874	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.240	232	622178	110.249	ng/ul#	87
59) Diethylphthalate	15.445	149	2352057	96.728	ng/ul	93
61) Fluorene	15.663	166	2161821	88.211	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.657	204	1146581	92.199	ng/ul	97
63) 4-Nitroaniline	15.681	138	403899	96.125	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.740	198	433926	124.670	ng/ul#	91
67) N-Nitrosodiphenylamine	15.869	169	1911639	80.095	ng/ul	94
68) 4-Bromophenyl-phenylether	16.557	248	741814	87.186	ng/ul	93
69) Hexachlorobenzene	16.675	284	836122	85.589	ng/ul#	90
70) Atrazine	16.834	200	788789	92.697	ng/ul#	89
71) Pentachlorophenol	17.016	266	585468	101.519	ng/ul#	84
72) Phenanthrene	17.410	178	3537689	81.357	ng/ul	98
74) Anthracene	17.504	178	3589405	82.688	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.416	216	1006141	73.201	ng/uL#	85
76) Pentachlorobenzene	14.940	250	963021	78.660	ng/uL	90
77) Carbazole	17.769	167	3235678	83.744	ng/ul#	95
78) Di-n-butylphthalate	18.322	149	4095541	95.610	ng/ul#	94
80) Fluoranthene	19.369	202	4404235	83.397	ng/ul	96
82) Pyrene	19.728	202	4351686	80.601	ng/ul#	92
83) Butylbenzylphthalate	20.598	149	1931597	110.814	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.363	252	1366083	77.749	ng/ul#	96
85) Benzo(a)anthracene	21.433	228	4353936	82.610	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.363	149	2827033	102.024	ng/ul#	82
87) Chrysene	21.492	228	4200807	82.246	ng/ul	98
89) Di-n-octyl phthalate	22.322	149	4793449	110.717	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	4574546	90.755	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	3996783	87.484	ng/ul#	98
93) Benzo(a)pyrene	23.833	252	4156989	86.061	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.551	276	4344241	75.959	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.568	278	3774611	78.179	ng/ul#	96
96) Benzo(g,h,i)perylene	27.345	276	3526170	71.997	ng/ul	94

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

