

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042822\
 Data File : BP010140.D
 Acq On : 28 Apr 2022 14:39
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020779

Quant Time: Apr 28 15:12:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	205473	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	894563	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	579319	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	1178011	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.410	240	838111	20.000	ng/ul	# 0.00
88) Perylene-d12	23.869	264	650775	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	39882m	8.464	ng/uL	0.00
4) Pyridine-d5	3.781	84	265205	20.007	ng/ul	0.00
7) Phenol-d5	7.099	99	393830	21.072	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	244726	21.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	309362	22.350	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	324508	20.956	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	159948	22.481	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	179951	23.159	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	331651	21.924	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	440279	20.299	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	960609	21.316	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1210561	22.196	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	150141	18.097	ng/ul	0.00
60) Fluorene-d10	15.563	176	810829	20.917	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	136854	18.373	ng/ul	0.00
73) Anthracene-d10	17.422	188	1239798	21.754	ng/ul	0.00
81) Pyrene-d10	19.651	212	1295259	27.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	767371	22.492	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	39515	8.070	ng/ul#	30
5) Pyridine	3.805	79	278798	20.233	ng/ul#	50
6) Benzaldehyde	7.069	77	234782	23.507	ng/ul	93
8) Phenol	7.122	94	391041	20.823	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.358	93	320827	22.175	ng/ul#	80
12) 2-Chlorophenol	7.499	128	309419	22.162	ng/ul	94
13) 2-Methylphenol	8.381	108	301345	20.923	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	470237	21.904	ng/ul#	84
16) Acetophenone	8.758	105	503567	20.843	ng/ul#	83
17) N-Nitroso-di-n-propyla...	8.746	70	266693	21.069	ng/ul#	75
18) 4-Methylphenol	8.711	108	330817	20.862	ng/ul	94
19) Hexachloroethane	9.022	117	131001	22.330	ng/ul	85
22) Nitrobenzene	9.140	77	385679	22.125	ng/ul#	87
23) Isophorone	9.669	82	735271	21.355	ng/ul	97
25) 2-Nitrophenol	9.852	139	185785	22.575	ng/ul#	82
26) 2,4-Dimethylphenol	9.916	107	385463	21.634	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.146	93	437498	21.679	ng/ul#	98
29) 2,4-Dichlorophenol	10.387	162	316872	21.791	ng/ul#	83
30) Naphthalene	10.793	128	1031217	22.025	ng/ul	97
32) 4-Chloroaniline	10.899	127	432860	20.252	ng/ul	98
33) Hexachlorobutadiene	11.087	225	227942	22.118	ng/ul	97
34) Caprolactam	11.669	113	101629m	19.430	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	354583	20.186	ng/ul#	70
36) 2-Methylnaphthalene	12.399	142	714323	21.036	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	716437	20.779	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.769	216	416316	23.260	ng/ul	93
40) Hexachlorocyclopentadiene	12.752	237	210915	20.910	ng/ul	94
41) 2,4,6-Trichlorophenol	13.004	196	261743	22.602	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.081	196	284406	22.572	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	962216	22.520	ng/ul	94
44) 2-Chloronaphthalene	13.446	162	745497	22.546	ng/ul	94
45) 2-Nitroaniline	13.646	65	233582	21.785	ng/ul#	80
47) Dimethylphthalate	14.028	163	931958	21.279	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	198684	22.106	ng/ul	94
50) Acenaphthylene	14.293	152	1202540	22.259	ng/ul	95
51) 3-Nitroaniline	14.469	138	121873	14.968	ng/ul#	87
52) Acenaphthene	14.634	153	769060	21.893	ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	77145	15.360	ng/ul#	80
55) 4-Nitrophenol	14.781	109	124178	17.228	ng/ul#	39
56) Dibenzofuran	14.969	168	1109833	21.336	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	271684	20.691	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.198	232	235537	21.030	ng/ul#	87
59) Diethylphthalate	15.387	149	928432	20.841	ng/ul#	92
61) Fluorene	15.622	166	898089	21.028	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.610	204	472235	21.010	ng/ul	98
63) 4-Nitroaniline	15.634	138	117034	14.772	ng/ul#	74
66) 4,6-Dinitro-2-methylph...	15.698	198	136770	19.031	ng/ul#	94
67) N-Nitrosodiphenylamine	15.828	169	782777	23.159	ng/ul	94
68) 4-Bromophenyl-phenylether	16.510	248	286000	22.761	ng/ul	93
69) Hexachlorobenzene	16.634	284	324451	22.246	ng/ul#	92
70) Atrazine	16.781	200	297300	21.635	ng/ul#	89
71) Pentachlorophenol	16.975	266	184559	19.870	ng/ul	87
72) Phenanthrene	17.369	178	1379172	21.540	ng/ul	98
74) Anthracene	17.457	178	1392830	21.597	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	429380	24.967	ng/uL#	85
76) Pentachlorobenzene	14.893	250	393569	23.337	ng/uL	91
77) Carbazole	17.728	167	1175844	20.604	ng/ul	97
78) Di-n-butylphthalate	18.275	149	1549907	22.075	ng/ul#	93
80) Fluoranthene	19.328	202	1514872	28.178	ng/ul	97
82) Pyrene	19.681	202	1495246	26.995	ng/ul	96
83) Butylbenzylphthalate	20.551	149	643602	28.111	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.322	252	272990	18.102	ng/ul#	95
85) Benzo(a)anthracene	21.392	228	1165110	21.905	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	924452	27.243	ng/ul#	83
87) Chrysene	21.445	228	1143620	21.836	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	1375602	27.190	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	951268	21.743	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	921916	22.246	ng/ul#	97
93) Benzo(a)pyrene	23.763	252	903949	22.343	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.439	276	978457	24.312	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.451	278	822948	23.897	ng/ul#	94
96) Benzo(g,h,i)perylene	27.227	276	859968	25.323	ng/ul	93

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

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