

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010017.D
 Acq On : 21 Apr 2022 16:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020766

Quant Time: Apr 22 04:17:58 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 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	125091	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	574747	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	414880	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	942930	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	1016159	20.000	ng/u1	# 0.00
88) Perylene-d12	23.863	264	937948	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	23706m	8.264	ng/uL	0.00
4) Pyridine-d5	3.787	84	165029	20.450	ng/u1	0.00
7) Phenol-d5	7.099	99	232658	20.448	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	142451m	20.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	181102	21.492	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	196281	20.821	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	94208	20.609	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	108049	21.643	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	204403	21.031	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	313614	22.505	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	681688	21.123	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	831335	21.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	121846	20.508	ng/u1	0.00
60) Fluorene-d10	15.563	176	590877	21.284	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	116217	19.492	ng/u1	0.00
73) Anthracene-d10	17.422	188	973903	21.349	ng/u1	0.00
81) Pyrene-d10	19.651	212	1201599	20.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1045251	21.257	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	24305m	8.153	ng/uL	
5) Pyridine	3.805	79	173773	20.715	ng/u1#	45
6) Benzaldehyde	7.075	77	129380	21.278	ng/u1	95
8) Phenol	7.128	94	235646	20.612	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.358	93	186560	21.180	ng/u1#	77
12) 2-Chlorophenol	7.505	128	183377	21.575	ng/u1	94
13) 2-Methylphenol	8.381	108	181385	20.687	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	275415	21.072	ng/u1#	85
16) Acetophenone	8.763	105	309246	21.025	ng/u1#	76
17) N-Nitroso-di-n-propyla...	8.752	70	165528	21.480	ng/u1#	74
18) 4-Methylphenol	8.710	108	201845	20.908	ng/u1	98
19) Hexachloroethane	9.028	117	76122	21.313	ng/u1	87
22) Nitrobenzene	9.140	77	235359	21.015	ng/u1#	84
23) Isophorone	9.669	82	464648	21.005	ng/u1	97
25) 2-Nitrophenol	9.857	139	112944	21.361	ng/u1#	82
26) 2,4-Dimethylphenol	9.916	107	245459	21.442	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.152	93	273100	21.063	ng/u1#	98
29) 2,4-Dichlorophenol	10.393	162	198114	21.205	ng/u1#	84
30) Naphthalene	10.799	128	630609	20.963	ng/u1	96
32) 4-Chloroaniline	10.904	127	305588	22.253	ng/u1	98
33) Hexachlorobutadiene	11.093	225	137018	20.693	ng/u1	94
34) Caprolactam	11.663	113	71040m	21.139	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	242471	21.484	ng/u1#	70
36) 2-Methylnaphthalene	12.404	142	458563	21.019	ng/u1	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	467067	21.084	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.769	216	267020	20.832	ng/ul#	91
40) Hexachlorocyclopentadiene	12.757	237	137850	19.083	ng/ul	95
41) 2,4,6-Trichlorophenol	13.004	196	175490	21.160	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.075	196	194250	21.527	ng/ul#	85
43) 1,1'-Biphenyl	13.410	154	644689	21.068	ng/ul	93
44) 2-Chloronaphthalene	13.451	162	499065	21.075	ng/ul	93
45) 2-Nitroaniline	13.645	65	164996	21.488	ng/ul#	81
47) Dimethylphthalate	14.028	163	660269	21.051	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	138786	21.562	ng/ul	95
50) Acenaphthylene	14.292	152	826253	21.356	ng/ul	96
51) 3-Nitroaniline	14.469	138	89243	15.305	ng/ul#	82
52) Acenaphthene	14.634	153	533241	21.196	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	65356	18.170	ng/ul#	78
55) 4-Nitrophenol	14.775	109	110832	21.471	ng/ul#	49
56) Dibenzofuran	14.969	168	790983	21.233	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	204486	21.746	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.198	232	173212	21.595	ng/ul#	87
59) Diethylphthalate	15.392	149	683736	21.432	ng/ul	94
61) Fluorene	15.622	166	649584	21.238	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.616	204	342811	21.297	ng/ul	99
63) 4-Nitroaniline	15.628	138	93603	16.497	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.692	198	114099	19.835	ng/ul#	88
67) N-Nitrosodiphenylamine	15.828	169	571300	21.116	ng/ul	94
68) 4-Bromophenyl-phenylether	16.510	248	211139	20.993	ng/ul	96
69) Hexachlorobenzene	16.634	284	245405	21.021	ng/ul#	91
70) Atrazine	16.781	200	229597	20.874	ng/ul#	88
71) Pentachlorophenol	16.975	266	149770	20.145	ng/ul#	83
72) Phenanthrene	17.369	178	1085393	21.178	ng/ul	98
74) Anthracene	17.457	178	1105727	21.420	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	287422	20.879	ng/uL#	86
76) Pentachlorobenzene	14.892	250	277870	20.584	ng/uL	91
77) Carbazole	17.728	167	976320	21.373	ng/ul#	94
78) Di-n-butylphthalate	18.275	149	1220620	21.719	ng/ul#	93
80) Fluoranthene	19.327	202	1353727	20.768	ng/ul	96
82) Pyrene	19.680	202	1394155	20.760	ng/ul#	95
83) Butylbenzylphthalate	20.551	149	579791	20.886	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.322	252	368696	20.165	ng/ul#	96
85) Benzo(a)anthracene	21.392	228	1372633	21.285	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.316	149	849140	20.639	ng/ul#	82
87) Chrysene	21.445	228	1337788	21.068	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	1469135	20.148	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1313986	20.838	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1298777	21.744	ng/ul#	96
93) Benzo(a)pyrene	23.751	252	1239514	21.257	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	1239292	21.365	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.439	278	1064529	21.447	ng/ul#	94
96) Benzo(g,h,i)perylene	27.204	276	1059463	21.646	ng/ul#	91

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

