

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
 Data File : BP010383.D
 Acq On : 17 May 2022 06:30
 Operator : CG/JU
 Sample : PB144810BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS810

Quant Time: May 17 07:08:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	150357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	667926	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.533	164	466460	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	1045879	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.368	240	1068152	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	1023341	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	26212m	7.431	ng/uL	0.00
4) Pyridine-d5	3.757	84	379027	37.843	ng/u1	0.00
7) Phenol-d5	7.063	99	523030	41.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	339938	40.092	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	410167	42.475	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	444027	41.402	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	214777	41.548	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	235868	43.055	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	436212	42.111	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	553849	35.960	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	1405928	40.909	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1624587	40.982	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	260533m	42.591	ng/u1	0.00
60) Fluorene-d10	15.522	176	1225867	41.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	240174	39.265	ng/u1	0.00
73) Anthracene-d10	17.380	188	1937266	40.906	ng/u1	0.00
81) Pyrene-d10	19.615	212	2348284	41.397	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	2199508	42.804	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	50412	13.796	ng/uL#	7
5) Pyridine	3.775	79	373521	35.884	ng/u1#	30
6) Benzaldehyde	7.034	77	326439m	48.932	ng/u1	
8) Phenol	7.093	94	540470	39.698	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.316	93	412590	38.544	ng/u1#	73
12) 2-Chlorophenol	7.463	128	406481	40.322	ng/u1	95
13) 2-Methylphenol	8.340	108	405688	39.916	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	688989	39.493	ng/u1#	82
16) Acetophenone	8.722	105	657809	39.038	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.710	70	361671	40.104	ng/u1#	69
18) 4-Methylphenol	8.675	108	446882	39.784	ng/u1	93
19) Hexachloroethane	8.981	117	169838	38.737	ng/u1#	81
22) Nitrobenzene	9.098	77	530502	39.052	ng/u1#	82
23) Isophorone	9.628	82	1004713	40.014	ng/u1#	98
25) 2-Nitrophenol	9.810	139	245710	40.848	ng/u1#	87
26) 2,4-Dimethylphenol	9.875	107	511536	39.192	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.110	93	582153	38.939	ng/u1#	98
29) 2,4-Dichlorophenol	10.351	162	426912	40.310	ng/u1#	85
30) Naphthalene	10.751	128	1344005	38.525	ng/u1	97
32) 4-Chloroaniline	10.857	127	539597	35.302	ng/u1	98
33) Hexachlorobutadiene	11.039	225	287732	38.341	ng/u1	95
34) Caprolactam	11.639	113	156141m	42.246	ng/u1	
35) 4-Chloro-3-methylphenol	11.986	107	516256	41.670	ng/u1#	71
36) 2-Methylnaphthalene	12.357	142	958224	38.798	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	985678	39.527	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.728	216	545683	38.335	ng/ul	94
40) Hexachlorocyclopentadiene	12.710	237	280600	36.258	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	363990	41.022	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.039	196	401373	40.513	ng/ul#	86
43) 1,1'-Biphenyl	13.363	154	1329715	38.837	ng/ul#	93
44) 2-Chloronaphthalene	13.404	162	1028307	38.885	ng/ul	94
45) 2-Nitroaniline	13.610	65	376100	43.214	ng/ul#	79
47) Dimethylphthalate	13.986	163	1348418	39.554	ng/ul#	93
48) 2,6-Dinitrotoluene	14.110	165	295353	42.501	ng/ul	92
50) Acenaphthylene	14.251	152	1689453	39.396	ng/ul	95
51) 3-Nitroaniline	14.433	138	273191	41.886	ng/ul#	82
52) Acenaphthene	14.592	153	1085965	38.818	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	133647	34.447	ng/ul#	80
55) 4-Nitrophenol	14.745	109	226063	41.562	ng/ul#	45
56) Dibenzofuran	14.927	168	1604230	39.129	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	424778	42.461	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.157	232	351008	41.201	ng/ul#	86
59) Diethylphthalate	15.351	149	1400069	40.249	ng/ul	93
61) Fluorene	15.580	166	1335358	39.828	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.574	204	684997	39.276	ng/ul	97
63) 4-Nitroaniline	15.598	138	308190m	47.855	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	233559	38.289	ng/ul#	87
67) N-Nitrosodiphenylamine	15.786	169	1154767	39.370	ng/ul	94
68) 4-Bromophenyl-phenylether	16.469	248	421258	39.110	ng/ul	95
69) Hexachlorobenzene	16.592	284	473999	38.258	ng/ul#	91
70) Atrazine	16.745	200	470360	40.030	ng/ul#	90
71) Pentachlorophenol	16.933	266	294202	37.844	ng/ul#	84
72) Phenanthrene	17.327	178	2179148	39.041	ng/ul	99
74) Anthracene	17.421	178	2205304	39.384	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.333	216	565108	35.553	ng/uL#	86
76) Pentachlorobenzene	14.857	250	541090	37.520	ng/uL	88
77) Carbazole	17.686	167	1973247	40.098	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	2513797	41.942	ng/ul#	93
80) Fluoranthene	19.292	202	2689845	40.804	ng/ul	97
82) Pyrene	19.645	202	2743386	39.879	ng/ul	96
83) Butylbenzylphthalate	20.509	149	1180970	42.931	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.280	252	869552	40.504	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	2695322	40.352	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	1741589	43.144	ng/ul#	82
87) Chrysene	21.404	228	2628437	40.006	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	3004323	39.134	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	2739648	40.166	ng/ul	100
91) Benzo(k)fluoranthene	23.103	252	2615572	40.347	ng/ul#	97
93) Benzo(a)pyrene	23.698	252	2607676	41.149	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.339	276	2568146	43.076	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.350	278	2235452	43.213	ng/ul#	95
96) Benzo(g,h,i)perylene	27.115	276	2122531	42.637	ng/ul#	92

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

