

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010421.D
 Acq On : 20 May 2022 01:42
 Operator : CG/JU
 Sample : PB144949BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS949

Quant Time: May 20 02:29:37 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 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	143116	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	637993	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.528	164	425703	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	936962	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	948013	20.000	ng/u1	# 0.00
88) Perylene-d12	23.786	264	879302	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26134m	7.784	ng/uL	0.00
4) Pyridine-d5	3.758	84	373445	39.172	ng/u1	0.00
7) Phenol-d5	7.058	99	546043	45.458	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	353095m	43.751	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	432228	47.025	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	459996	45.061	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	226942	45.962	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	249932	47.763	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	454841	45.970	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	618450	42.038	ng/u1	-0.01
46) Dimethylphthalate-d6	13.940	166	1439106	45.883	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1677622	46.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	262562	47.032	ng/u1	0.00
60) Fluorene-d10	15.522	176	1235983	45.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	264765	48.317	ng/u1	0.00
73) Anthracene-d10	17.381	188	1957079	46.128	ng/u1	0.00
81) Pyrene-d10	19.610	212	2356808	46.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	2126718	48.167	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	53627	15.418	ng/uL#	2
5) Pyridine	3.775	79	385654	38.924	ng/u1#	33
6) Benzaldehyde	7.034	77	373169	58.767	ng/u1	95
8) Phenol	7.087	94	577682	44.578	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.316	93	444034	43.580	ng/u1#	75
12) 2-Chlorophenol	7.458	128	435708	45.408	ng/u1	96
13) 2-Methylphenol	8.340	108	440059	45.489	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	732144	44.090	ng/u1#	81
16) Acetophenone	8.716	105	704635	43.933	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.710	70	383702	44.700	ng/u1#	69
18) 4-Methylphenol	8.669	108	476546	44.571	ng/u1	93
19) Hexachloroethane	8.975	117	182607	43.756	ng/u1#	81
22) Nitrobenzene	9.093	77	570591	43.974	ng/u1#	81
23) Isophorone	9.628	82	1071420	44.673	ng/u1#	97
25) 2-Nitrophenol	9.810	139	257901	44.886	ng/u1#	85
26) 2,4-Dimethylphenol	9.869	107	524884	42.102	ng/u1#	82
27) Bis(2-Chloroethoxy)met...	10.104	93	621344	43.511	ng/u1#	98
29) 2,4-Dichlorophenol	10.346	162	447612	44.248	ng/u1#	84
30) Naphthalene	10.746	128	1439898	43.210	ng/u1	97
32) 4-Chloroaniline	10.857	127	604990	41.437	ng/u1	98
33) Hexachlorobutadiene	11.034	225	303317	42.314	ng/u1	95
34) Caprolactam	11.634	113	163534m	46.322	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	536157	45.307	ng/u1#	70
36) 2-Methylnaphthalene	12.351	142	1005037	42.603	ng/u1	91

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37) 1-Methylnaphthalene	12.575	142	1022860	42.942	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.722	216	573202	44.123	ng/ul	94
40) Hexachlorocyclopentadiene	12.704	237	305956	43.320	ng/ul	94
41) 2,4,6-Trichlorophenol	12.963	196	380794	47.024	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.034	196	418804	46.319	ng/ul#	87
43) 1,1'-Biphenyl	13.363	154	1398934	44.771	ng/ul#	93
44) 2-Chloronaphthalene	13.404	162	1077544	44.649	ng/ul	93
45) 2-Nitroaniline	13.604	65	390425	49.155	ng/ul#	77
47) Dimethylphthalate	13.987	163	1393597	44.793	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	308121	48.583	ng/ul	94
50) Acenaphthylene	14.251	152	1769778	45.220	ng/ul	95
51) 3-Nitroaniline	14.428	138	306074	51.420	ng/ul#	82
52) Acenaphthene	14.592	153	1131814	44.330	ng/ul	97
53) 2,4-Dinitrophenol	14.639	184	165270	46.676	ng/ul#	75
55) 4-Nitrophenol	14.745	109	230938	46.523	ng/ul#	42
56) Dibenzofuran	14.928	168	1655650	44.249	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	439787	48.170	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.151	232	364343	46.861	ng/ul#	85
59) Diethylphthalate	15.351	149	1446032	45.550	ng/ul	94
61) Fluorene	15.575	166	1367422	44.689	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.569	204	706469	44.385	ng/ul	97
63) 4-Nitroaniline	15.598	138	323977	55.123	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.657	198	259479	47.483	ng/ul#	88
67) N-Nitrosodiphenylamine	15.781	169	1200766	45.698	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	438288	45.421	ng/ul	94
69) Hexachlorobenzene	16.586	284	495970	44.685	ng/ul#	89
70) Atrazine	16.739	200	460846	43.780	ng/ul#	89
71) Pentachlorophenol	16.928	266	317929	45.651	ng/ul#	85
72) Phenanthrene	17.322	178	2242303	44.843	ng/ul	98
74) Anthracene	17.416	178	2254049	44.934	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	602867	42.338	ng/uL#	86
76) Pentachlorobenzene	14.851	250	568254	43.984	ng/uL	91
77) Carbazole	17.680	167	2040142	46.277	ng/ul#	95
78) Di-n-butylphthalate	18.233	149	2598201	48.389	ng/ul#	92
80) Fluoranthene	19.286	202	2762762	47.221	ng/ul	97
82) Pyrene	19.639	202	2828293	46.323	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1232457	50.481	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.280	252	965737	50.685	ng/ul#	96
85) Benzo(a)anthracene	21.345	228	2704878	45.627	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1813827	50.628	ng/ul#	80
87) Chrysene	21.404	228	2649303	45.433	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	3146806	47.705	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	2708423	46.212	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2575967	46.245	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	2545053	46.739	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	2486520	48.539	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.339	278	2152526	48.426	ng/ul#	95
96) Benzo(g,h,i)perylene	27.104	276	2087095	48.793	ng/ul#	91

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

