

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010528.D
 Acq On : 24 May 2022 21:56
 Operator : CG/JU
 Sample : PB145006BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS006

Quant Time: May 24 23:18:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	143050	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.687	136	652809	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	453758	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1007679	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	912602	20.000	ng/ul	0.00
88) Perylene-d12	23.769	264	713709	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19056	5.678	ng/uL	0.00
4) Pyridine-d5	3.752	84	303046	31.802	ng/ul	0.00
7) Phenol-d5	7.052	99	406981	33.897	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.217	67	270572m	33.541	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	321316	34.974	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	348652	34.169	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	171732	33.991	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	188648	35.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	347597	34.334	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	432864	28.756	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	1114631	33.341	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	1321646	34.273	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	190502	32.014	ng/ul	0.00
60) Fluorene-d10	15.510	176	981046	33.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	178261	30.248	ng/ul	0.00
73) Anthracene-d10	17.369	188	1560715	34.204	ng/ul	0.00
81) Pyrene-d10	19.598	212	1850811	38.188	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	1277949	35.659	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	38374	11.038	ng/uL#	1
5) Pyridine	3.770	79	294486	29.736	ng/ul#	22
6) Benzaldehyde	7.022	77	287104m	45.234	ng/ul	
8) Phenol	7.081	94	410614	31.700	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.311	93	313181	30.752	ng/ul#	75
12) 2-Chlorophenol	7.452	128	309108	32.229	ng/ul	96
13) 2-Methylphenol	8.328	108	309351	31.992	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	538128	32.421	ng/ul#	81
16) Acetophenone	8.711	105	508506	31.719	ng/ul#	72
17) N-Nitroso-di-n-propyla...	8.699	70	278179	32.422	ng/ul#	65
18) 4-Methylphenol	8.664	108	338736	31.696	ng/ul	95
19) Hexachloroethane	8.963	117	131085	31.425	ng/ul#	79
22) Nitrobenzene	9.087	77	411788	31.015	ng/ul#	83
23) Isophorone	9.616	82	773175	31.506	ng/ul#	98
25) 2-Nitrophenol	9.799	139	188673	32.092	ng/ul#	87
26) 2,4-Dimethylphenol	9.863	107	393682	30.861	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.093	93	447914	30.654	ng/ul#	96
29) 2,4-Dichlorophenol	10.334	162	327989	31.687	ng/ul#	86
30) Naphthalene	10.734	128	1053092	30.885	ng/ul	98
32) 4-Chloroaniline	10.846	127	404208	27.057	ng/ul	97
33) Hexachlorobutadiene	11.028	225	224568	30.617	ng/ul	94
34) Caprolactam	11.628	113	115120m	31.868	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	386521	31.921	ng/ul#	70
36) 2-Methylnaphthalene	12.346	142	734640	30.434	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	765150	31.394	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.716	216	428068	30.914	ng/ul#	92
40) Hexachlorocyclopentadiene	12.693	237	167773	22.286	ng/ul	96
41) 2,4,6-Trichlorophenol	12.952	196	283997	32.902	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.028	196	310252	32.192	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	1041737	31.278	ng/ul#	94
44) 2-Chloronaphthalene	13.393	162	807239	31.380	ng/ul	93
45) 2-Nitroaniline	13.599	65	295769	34.935	ng/ul#	75
47) Dimethylphthalate	13.975	163	1030533	31.076	ng/ul#	92
48) 2,6-Dinitrotoluene	14.093	165	225778	33.399	ng/ul	99
50) Acenaphthylene	14.240	152	1319867	31.639	ng/ul	95
51) 3-Nitroaniline	14.422	138	210667	33.204	ng/ul#	86
52) Acenaphthene	14.581	153	849766	31.225	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	93534	24.783	ng/ul#	76
55) 4-Nitrophenol	14.734	109	162935	30.794	ng/ul#	44
56) Dibenzofuran	14.916	168	1245857	31.238	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	327352	33.638	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.146	232	268390	32.385	ng/ul#	85
59) Diethylphthalate	15.340	149	1069176	31.597	ng/ul	93
61) Fluorene	15.569	166	1035257	31.742	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.557	204	530491	31.269	ng/ul	95
63) 4-Nitroaniline	15.587	138	235159	37.537	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.651	198	163448	27.811	ng/ul#	87
67) N-Nitrosodiphenylamine	15.775	169	892803	31.593	ng/ul	95
68) 4-Bromophenyl-phenylether	16.457	248	324027	31.223	ng/ul	96
69) Hexachlorobenzene	16.581	284	367701	30.803	ng/ul#	91
70) Atrazine	16.734	200	348407	30.775	ng/ul#	90
71) Pentachlorophenol	16.922	266	220008	29.373	ng/ul	86
72) Phenanthrene	17.310	178	1667256	31.003	ng/ul	98
74) Anthracene	17.404	178	1700192	31.515	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	458543	29.943	ng/uL#	87
76) Pentachlorobenzene	14.840	250	434829	31.294	ng/uL	93
77) Carbazole	17.675	167	1502859	31.697	ng/ul#	95
78) Di-n-butylphthalate	18.222	149	1894377	32.805	ng/ul#	93
80) Fluoranthene	19.275	202	2046170	36.330	ng/ul	97
82) Pyrene	19.628	202	2075164	35.307	ng/ul	96
83) Butylbenzylphthalate	20.498	149	873232	37.155	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.269	252	569272	31.036	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	1866180	32.701	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	1256260	36.425	ng/ul#	81
87) Chrysene	21.386	228	1812242	32.284	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	2124248	39.675	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1591091	33.447	ng/ul	99
91) Benzo(k)fluoranthene	23.080	252	1505068	33.289	ng/ul#	97
93) Benzo(a)pyrene	23.663	252	1452204	32.857	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.298	276	1419300	34.135	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.304	278	1200572	33.276	ng/ul#	95
96) Benzo(g,h,i)perylene	27.063	276	1205436	34.720	ng/ul#	90

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

