

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020176.D
 Acq On : 03 May 2024 14:24
 Operator : MA/JU
 Sample : PB160610BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS610

Quant Time: May 03 15:18:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
 Supervised By :mohammad ahmed 05/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	106514	20.000	ng/u1	0.00
20) Naphthalene-d8	10.399	136	423194	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.292	164	254193	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	505470	20.000	ng/u1	-0.01
79) Chrysene-d12	21.621	240	499800	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	585833	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	12637	5.011	ng/uL	0.00
4) Pyridine-d5	3.622	84	100735	13.746	ng/u1	0.00
7) Phenol-d5	6.810	99	235884	25.787	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	141828	25.524	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	177320	27.116	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	182594	24.690	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	88407	27.897	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	99756	27.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	182541	27.564	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	62489	6.742	ng/u1	0.01
46) Dimethylphthalate-d6	13.710	166	486255	26.195	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	570211	27.808	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	71952	25.220	ng/u1	0.00
60) Fluorene-d10	15.316	176	416869	26.925	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	87488	27.275	ng/u1	-0.01
73) Anthracene-d10	17.228	188	626229	28.638	ng/u1	-0.01
81) Pyrene-d10	19.627	212	749024	25.638	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.751	264	810656	28.619	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	27601	9.644	ng/uL	96
5) Pyridine	3.640	79	131554	17.749	ng/u1	100
6) Benzaldehyde	6.799	77	34827	7.575	ng/u1	94
8) Phenol	6.834	94	253885	26.891	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.069	93	197929	26.791	ng/u1	99
12) 2-Chlorophenol	7.193	128	191754	28.086	ng/u1	98
13) 2-Methylphenol	8.069	108	182075	25.854	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.146	45	243198	26.389	ng/u1	99
16) Acetophenone	8.452	105	308525	25.136	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	161375	24.228	ng/u1	100
18) 4-Methylphenol	8.399	108	198985	25.996	ng/u1	96
19) Hexachloroethane	8.675	117	87562	28.045	ng/u1	98
22) Nitrobenzene	8.828	77	257962	28.356	ng/u1	99
23) Isophorone	9.346	82	440178	25.163	ng/u1	100
25) 2-Nitrophenol	9.528	139	108289	28.808	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	217242	26.490	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	256203	26.419	ng/u1	98
29) 2,4-Dichlorophenol	10.063	162	184712	28.675	ng/u1	100
30) Naphthalene	10.451	128	600523	27.530	ng/u1	100
32) 4-Chloroaniline	10.581	127	92368	10.191	ng/u1	100
33) Hexachlorobutadiene	10.710	225	143404	28.662	ng/u1	98
34) Caprolactam	11.393	113	52758m	23.457	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	209244	26.090	ng/u1	97
36) 2-Methylnaphthalene	12.075	142	401892	26.480	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	396273	25.946	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.440	216	246401	31.081	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	122905	28.506	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	145672	29.301	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	157209	29.387	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	526349	29.276	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	421064	29.514	ng/ul	99
45) 2-Nitroaniline	13.381	65	139633	29.507	ng/ul	95
47) Dimethylphthalate	13.757	163	522014	27.841	ng/ul	100
48) 2,6-Dinitrotoluene	13.892	165	106728	28.633	ng/ul	96
50) Acenaphthylene	14.010	152	653225	28.322	ng/ul	99
51) 3-Nitroaniline	14.234	138	66365	19.089	ng/ul	96
52) Acenaphthene	14.363	153	443608	28.621	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	59253	25.898	ng/ul	98
55) 4-Nitrophenol	14.557	109	81102	27.304	ng/ul	95
56) Dibenzofuran	14.710	168	604940	28.378	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	154532	28.836	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.939	232	127655	26.573	ng/ul	97
59) Diethylphthalate	15.157	149	518283	27.691	ng/ul	99
61) Fluorene	15.369	166	500372	28.250	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.369	204	268628	28.588	ng/ul	96
63) 4-Nitroaniline	15.428	138	79748	27.526	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.481	198	96144	28.745	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	376887	26.779	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	163832	29.923	ng/ul	93
69) Hexachlorobenzene	16.392	284	189226	29.840	ng/ul	99
71) Pentachlorophenol	16.763	266	98814	25.780	ng/ul	96
72) Phenanthrene	17.169	178	748783	29.034	ng/ul	99
74) Anthracene	17.269	178	775526	29.566	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	242942	32.339	ng/uL	98
76) Pentachlorobenzene	14.616	250	227448	30.255	ng/uL	98
77) Carbazole	17.563	167	629094	27.840	ng/ul	100
78) Di-n-butylphthalate	18.151	149	804673	29.378	ng/ul	100
80) Fluoranthene	19.280	202	895989	26.059	ng/ul	99
82) Pyrene	19.657	202	947582	26.488	ng/ul	100
83) Butylbenzylphthalate	20.633	149	370614	27.291	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	35871	3.526	ng/ul	99
85) Benzo(a)anthracene	21.604	228	992717	29.284	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.551	149	531686	27.139	ng/ul	99
87) Chrysene	21.669	228	941055	29.951	ng/ul	99
89) Di-n-octyl phthalate	22.845	149	965958	25.746	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1053802	30.239	ng/ul	99
91) Benzo(k)fluoranthene	23.980	252	1056113	29.738	ng/ul	99
93) Benzo(a)pyrene	24.821	252	998214	30.104	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.786	276	1327914m	32.668	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	1097179	32.633	ng/ul	99
96) Benzo(g,h,i)perylene	29.950	276	1066137m	32.520	ng/ul	

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

