

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080922\
 Data File : BP011330.D
 Acq On : 09 Aug 2022 15:29
 Operator : CG/JU
 Sample : PB146785BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS785

Quant Time: Aug 09 23:11:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/10/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	109207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.381	136	471838	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	273502	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	525136	20.000	ng/u1	0.00
79) Chrysene-d12	21.163	240	485056	20.000	ng/u1	0.00
88) Perylene-d12	23.474	264	464356	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	22756m	6.388	ng/uL	0.00
4) Pyridine-d5	3.505	84	177661	19.771	ng/u1	0.00
7) Phenol-d5	6.775	99	331679	34.319	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	218867	31.939	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	264911	34.935	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	263544	34.730	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	124326	38.716	ng/u1	0.00
24) 2-Nitrophenol-d4	9.475	143	121146	41.206	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.010	165	225143	37.920	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	149292	14.383	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	693558	36.548	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	835205	36.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	123502	35.632	ng/u1	0.00
60) Fluorene-d10	15.269	176	572126	35.253	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	89413	36.657	ng/u1	0.00
73) Anthracene-d10	17.133	188	850486	36.032	ng/u1	0.00
81) Pyrene-d10	19.398	212	947807	35.467	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.321	264	863476	36.873	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	44813	11.843	ng/uL#	82
5) Pyridine	3.522	79	255632	27.311	ng/u1#	84
6) Benzaldehyde	6.746	77	211849	50.298	ng/u1	97
8) Phenol	6.805	94	323867	30.959	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.034	93	257445	30.557	ng/u1	95
12) 2-Chlorophenol	7.158	128	259935	32.897	ng/u1	97
13) 2-Methylphenol	8.046	108	239786	31.827	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	387559	30.670	ng/u1	97
16) Acetophenone	8.422	105	397915	32.410	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	208350	34.448	ng/u1	99
18) 4-Methylphenol	8.375	108	259907	32.185	ng/u1	100
19) Hexachloroethane	8.657	117	111961	33.558	ng/u1	98
22) Nitrobenzene	8.799	77	314822	35.021	ng/u1	99
23) Isophorone	9.328	82	567939	34.443	ng/u1	99
25) 2-Nitrophenol	9.504	139	128765	37.581	ng/u1#	90
26) 2,4-Dimethylphenol	9.575	107	302173	34.903	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.816	93	341975	32.452	ng/u1	99
29) 2,4-Dichlorophenol	10.034	162	214005	34.468	ng/u1	99
30) Naphthalene	10.428	128	808533	31.496	ng/u1	99
32) 4-Chloroaniline	10.557	127	240951	23.159	ng/u1	99
33) Hexachlorobutadiene	10.710	225	130033	34.138	ng/u1	98
34) Caprolactam	11.357	113	71814m	34.588	ng/u1	
35) 4-Chloro-3-methylphenol	11.698	107	269958	36.981	ng/u1	98
36) 2-Methylnaphthalene	12.057	142	519859	32.670	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	524833	32.517	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	227897	31.651	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	96327	24.966	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	151601	34.798	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	167041	35.924	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	682593	31.783	ng/ul	99
44) 2-Chloronaphthalene	13.128	162	508797	31.575	ng/ul	97
45) 2-Nitroaniline	13.351	65	174832	42.720	ng/ul	97
47) Dimethylphthalate	13.734	163	656591	34.161	ng/ul	100
48) 2,6-Dinitrotoluene	13.857	165	120789	40.192	ng/ul	96
50) Acenaphthylene	13.981	152	859703	32.648	ng/ul	100
51) 3-Nitroaniline	14.187	138	137571	41.613	ng/ul	95
52) Acenaphthene	14.328	153	560248	31.901	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	53476	29.990	ng/ul	91
55) 4-Nitrophenol	14.510	109	125305	38.970	ng/ul#	74
56) Dibenzofuran	14.669	168	766423	32.191	ng/ul	96
57) 2,4-Dinitrotoluene	14.651	165	179741	39.019	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.898	232	123145	34.044	ng/ul	95
59) Diethylphthalate	15.116	149	716942	36.006	ng/ul	99
61) Fluorene	15.322	166	626623	32.408	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.322	204	279317	33.047	ng/ul	90
63) 4-Nitroaniline	15.363	138	149294m	46.409	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	87669	34.905	ng/ul#	94
67) N-Nitrosodiphenylamine	15.545	169	536618	34.677	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	159993	34.429	ng/ul	90
69) Hexachlorobenzene	16.328	284	185633	34.193	ng/ul	95
70) Atrazine	16.516	200	135959	26.359	ng/ul	99
71) Pentachlorophenol	16.681	266	93729	29.739	ng/ul	97
72) Phenanthrene	17.075	178	974414	33.092	ng/ul	99
74) Anthracene	17.169	178	985217	33.609	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.045	216	231953	30.767	ng/uL	98
76) Pentachlorobenzene	14.581	250	215913	32.886	ng/uL	98
77) Carbazole	17.451	167	905923	33.072	ng/ul	99
78) Di-n-butylphthalate	18.022	149	1172575	39.147	ng/ul	100
80) Fluoranthene	19.069	202	1094832	33.659	ng/ul	96
82) Pyrene	19.427	202	1121377	32.663	ng/ul	94
83) Butylbenzylphthalate	20.322	149	459416	41.992	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.092	252	314246	35.598	ng/ul	99
85) Benzo(a)anthracene	21.151	228	1024958	32.937	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.092	149	726654	41.374	ng/ul	98
87) Chrysene	21.198	228	1007457	32.704	ng/ul	99
89) Di-n-octyl phthalate	21.992	149	1230328	38.187	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	1019789	33.368	ng/ul	99
91) Benzo(k)fluoranthene	22.816	252	994489	33.258	ng/ul	99
93) Benzo(a)pyrene	23.374	252	989934	33.583	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.857	276	1101636	33.806	ng/ul	97
95) Dibenzo(a,h)anthracene	25.874	278	942283	34.000	ng/ul	96
96) Benzo(g,h,i)perylene	26.592	276	937024	34.077	ng/ul	97

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

