

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080422\
 Data File : BP011266.D
 Acq On : 04 Aug 2022 16:04
 Operator : CG/JU
 Sample : N3956-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EXF03MS

Quant Time: Aug 04 22:54:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	192871	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	924237	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	556055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	1134719	20.000	ng/u1	0.00
79) Chrysene-d12	21.180	240	1151867	20.000	ng/u1	0.00
88) Perylene-d12	23.498	264	1160179	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	5558	2.330	ng/uL	0.00
4) Pyridine-d5	3.511	84	41076	6.384	ng/u1	0.00
7) Phenol-d5	6.787	99	132110	8.219	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	329552	28.414	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	297226	22.687	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	247642	18.725	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	199763	30.049	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	168216	26.995	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	357759	30.107	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	457791	24.902	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	1339402	35.169	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1568890	32.742	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	45957	7.096	ng/u1	0.02
60) Fluorene-d10	15.281	176	1139515	35.164	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	181016	34.355	ng/u1	0.00
73) Anthracene-d10	17.151	188	1828718	36.670	ng/u1	0.00
81) Pyrene-d10	19.410	212	2091992	35.921	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.351	264	2145583	37.112	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.128	88	15777	7.171	ng/uL#	16
5) Pyridine	3.528	79	51853	7.959	ng/u1	95
6) Benzaldehyde	6.752	77	375367	47.773	ng/u1	96
8) Phenol	6.816	94	161221	9.354	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.040	93	464920	32.875	ng/u1	99
12) 2-Chlorophenol	7.169	128	367694	27.021	ng/u1#	1
13) 2-Methylphenol	8.063	108	325147	24.933	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	758033	31.455	ng/u1	97
16) Acetophenone	8.434	105	823788	38.435	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	358077	34.334	ng/u1	99
18) 4-Methylphenol	8.393	108	321094	22.959	ng/u1	99
19) Hexachloroethane	8.669	117	203301	31.155	ng/u1	98
22) Nitrobenzene	8.810	77	633429	34.770	ng/u1	96
23) Isophorone	9.340	82	1096734	33.832	ng/u1	99
25) 2-Nitrophenol	9.516	139	228360	31.669	ng/u1	97
26) 2,4-Dimethylphenol	9.587	107	500603	30.686	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.828	93	669165	32.787	ng/u1	98
29) 2,4-Dichlorophenol	10.052	162	414477	33.376	ng/u1	97
30) Naphthalene	10.446	128	1656511	33.950	ng/u1	99
32) 4-Chloroaniline	10.569	127	532020	28.573	ng/u1	98
33) Hexachlorobutadiene	10.722	225	242070	31.206	ng/u1	99
34) Caprolactam	11.404	113	21215	5.768	ng/u1	96
35) 4-Chloro-3-methylphenol	11.710	107	522267	37.188	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	1108506	36.360	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	1132288	36.972	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	489863	32.212	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	192475	20.032	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	347978	36.525	ng/ul	97
42) 2,4,5-Trichlorophenol	12.769	196	385474	37.703	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	1540291	34.707	ng/ul	100
44) 2-Chloronaphthalene	13.140	162	1127198	34.048	ng/ul	99
45) 2-Nitroaniline	13.363	65	346278	43.483	ng/ul	97
47) Dimethylphthalate	13.751	163	1521457	39.601	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	272572	47.263	ng/ul	96
50) Acenaphthylene	13.992	152	1937576	35.785	ng/ul	100
51) 3-Nitroaniline	14.204	138	263481	41.420	ng/ul	96
52) Acenaphthene	14.339	153	1271951	36.319	ng/ul	96
53) 2,4-Dinitrophenol	14.410	184	127094	37.110	ng/ul	97
55) 4-Nitrophenol	14.534	109	44991	7.698	ng/ul	94
56) Dibenzofuran	14.681	168	1820848	37.992	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	439916	48.435	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	316326	40.975	ng/ul	98
59) Diethylphthalate	15.128	149	1595395	40.237	ng/ul	99
61) Fluorene	15.334	166	1518916	39.776	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	664004	39.375	ng/ul	98
63) 4-Nitroaniline	15.375	138	309126m	58.081	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	208528	38.274	ng/ul	99
67) N-Nitrosodiphenylamine	15.557	169	1311345	39.538	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	394440	38.533	ng/ul	96
69) Hexachlorobenzene	16.339	284	469936	39.302	ng/ul	98
70) Atrazine	16.534	200	366720	36.962	ng/ul	98
71) Pentachlorophenol	16.698	266	265311	37.884	ng/ul	99
72) Phenanthrene	17.092	178	2501854	40.271	ng/ul	100
74) Anthracene	17.186	178	2522706	40.831	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	508702	29.295	ng/ul	98
76) Pentachlorobenzene	14.592	250	519109	35.068	ng/ul	99
77) Carbazole	17.469	167	2400019	43.311	ng/ul	99
78) Di-n-butylphthalate	18.039	149	2693075	39.179	ng/ul	100
80) Fluoranthene	19.080	202	2879908	40.433	ng/ul	98
82) Pyrene	19.439	202	2985439	40.167	ng/ul	99
83) Butylbenzylphthalate	20.339	149	890226	31.367	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.104	252	543103	28.828	ng/ul	99
85) Benzo(a)anthracene	21.163	228	2857362	39.689	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.104	149	1581032	32.604	ng/ul	100
87) Chrysene	21.216	228	2806956	39.612	ng/ul	100
89) Di-n-octyl phthalate	22.010	149	2888066	36.510	ng/ul	100
90) Benzo(b)fluoranthene	22.792	252	3015387	40.796	ng/ul	98
91) Benzo(k)fluoranthene	22.839	252	2894251	41.737	ng/ul	99
93) Benzo(a)pyrene	23.398	252	2915469	40.521	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.898	276	3455068	40.237	ng/ul	98
95) Dibenzo(a,h)anthracene	25.915	278	2972253	40.819	ng/ul	98
96) Benzo(g,h,i)perylene	26.633	276	2926078	39.766	ng/ul	98

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

