

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122422\
 Data File : BP013305.D
 Acq On : 24 Dec 2022 18:05
 Operator : CG/JU
 Sample : N6016-12MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYD5MS

Quant Time: Dec 25 00:22:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	636907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.758	136	2361140	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	1194755	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	2444759	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	2735037	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	3154465	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	84837	5.695	ng/uL	0.00
4) Pyridine-d5	3.758	84	1126235	26.615	ng/u1	0.00
7) Phenol-d5	7.105	99	1679319	32.371	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	1080138	34.515	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	1403765	34.374	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	1091153	25.670	ng/u1	0.00
21) Nitrobenzene-d5	9.111	128	674634	38.888	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	761455	38.988	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1314532	34.652	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	1292986	24.143	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	3032021	33.021	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	3593911	35.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	512276	31.015	ng/u1	0.00
60) Fluorene-d10	15.581	176	2531443	32.587	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	451621	28.706	ng/u1	0.00
73) Anthracene-d10	17.445	188	3683908	33.401	ng/u1	0.00
81) Pyrene-d10	19.681	212	5122973	32.632	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.757	264	5556023	35.337	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.364	88	204106	13.126	ng/uL	91
5) Pyridine	3.776	79	1467455	34.893	ng/u1	98
6) Benzaldehyde	7.075	77	1172982	57.744	ng/u1	97
8) Phenol	7.134	94	1917634	36.559	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.364	93	1522353	35.361	ng/u1	99
12) 2-Chlorophenol	7.505	128	1518119	36.250	ng/u1	97
13) 2-Methylphenol	8.387	108	1319344	32.263	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	2204099	37.310	ng/u1	97
16) Acetophenone	8.775	105	2164425	33.209	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.758	70	1088089	33.199	ng/u1	95
18) 4-Methylphenol	8.722	108	1435692	31.697	ng/u1	100
19) Hexachloroethane	9.022	117	597486	35.702	ng/u1	95
22) Nitrobenzene	9.152	77	1628344	40.000	ng/u1	97
23) Isophorone	9.681	82	2921482	35.492	ng/u1	99
25) 2-Nitrophenol	9.869	139	832361	39.334	ng/u1	97
26) 2,4-Dimethylphenol	9.928	107	794083	19.232	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	1853289	35.212	ng/u1	100
29) 2,4-Dichlorophenol	10.405	162	1339628	36.050	ng/u1	100
30) Naphthalene	10.805	128	4464622	36.155	ng/u1	100
32) 4-Chloroaniline	10.916	127	1436668	27.109	ng/u1	100
33) Hexachlorobutadiene	11.087	225	991684	38.868	ng/u1	98
34) Caprolactam	11.710	113	340532m	26.876	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	1196901	31.561	ng/u1	98
36) 2-Methylnaphthalene	12.410	142	2799216	33.043	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	2734177	31.384	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	1654975	43.018	ng/ul	98
40) Hexachlorocyclopentadiene	12.752	237	489092	19.536	ng/ul	99
41) 2,4,6-Trichlorophenol	13.022	196	990246	40.052	ng/ul	100
42) 2,4,5-Trichlorophenol	13.093	196	1043627	39.297	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	3516005	39.184	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	2765682	39.162	ng/ul	100
45) 2-Nitroaniline	13.669	65	737821	43.091	ng/ul	97
47) Dimethylphthalate	14.040	163	3149369	34.605	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	637997	37.722	ng/ul	97
50) Acenaphthylene	14.310	152	3980017	36.691	ng/ul	100
51) 3-Nitroaniline	14.493	138	614619	38.485	ng/ul	96
52) Acenaphthene	14.651	153	2723566	36.232	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	312459	27.027	ng/ul	99
55) 4-Nitrophenol	14.804	109	415534	36.871	ng/ul	96
56) Dibenzofuran	14.987	168	3760422	35.185	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	866029	35.251	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.210	232	856062	35.322	ng/ul	99
59) Diethylphthalate	15.404	149	2832707	32.019	ng/ul	99
61) Fluorene	15.640	166	2971547	34.669	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	1562688	34.476	ng/ul	100
63) 4-Nitroaniline	15.663	138	633912	45.108	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.716	198	468106	30.447	ng/ul	96
67) N-Nitrosodiphenylamine	15.845	169	2428123	35.824	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	966943	36.420	ng/ul	98
69) Hexachlorobenzene	16.645	284	1133528	35.957	ng/ul	100
70) Atrazine	16.798	200	884173	33.475	ng/ul	100
71) Pentachlorophenol	16.992	266	712937	37.344	ng/ul	99
72) Phenanthrene	17.387	178	4696582	36.883	ng/ul	100
74) Anthracene	17.481	178	4446454	34.971	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.387	216	1598100	45.817	ng/ul	100
76) Pentachlorobenzene	14.904	250	1364908	38.381	ng/ul	99
77) Carbazole	17.751	167	4346989	40.596	ng/ul	99
78) Di-n-butylphthalate	18.292	149	4637627	35.571	ng/ul	100
80) Fluoranthene	19.351	202	6211058	34.858	ng/ul	99
82) Pyrene	19.704	202	6384436	34.735	ng/ul	100
83) Butylbenzylphthalate	20.569	149	2470230	34.788	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	1518502	24.576	ng/ul	98
85) Benzo(a)anthracene	21.422	228	6797907	37.441	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.328	149	3552482	35.467	ng/ul	99
87) Chrysene	21.475	228	6419895	37.390	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	6427471	36.370	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	7221130	35.899	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	7255808	36.377	ng/ul	100
93) Benzo(a)pyrene	23.810	252	6437617	36.755	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	8705705	39.904	ng/ul	99
95) Dibenzo(a,h)anthracene	26.539	278	7301108	40.419	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	7203413	41.128	ng/ul	99

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

