

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012846.D
 Acq On : 29 Nov 2022 11:47
 Operator : CG/JU
 Sample : N5659-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ESQT8MS

Quant Time: Nov 29 21:56:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Nov 27 22:55:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2022
 Supervised By :mohammad ahmed 11/30/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	508611	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2338859	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1582692	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3466898	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	3473500	20.000	ng/u1	0.00
88) Perylene-d12	24.004	264	3176205	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	61183	5.155	ng/uL	0.00
4) Pyridine-d5	3.822	84	204742	5.764	ng/u1	0.00
7) Phenol-d5	7.163	99	1335346	31.951	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	823798	31.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	1038889	32.622	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	1111190	32.999	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	516547	36.084	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	572374	37.656	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1152705	32.502	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	1288986	26.541	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	3804081	34.919	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	4187510	32.944	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	722158	37.182	ng/u1	0.00
60) Fluorene-d10	15.639	176	3318908	34.787	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	622241	37.552	ng/u1	0.00
73) Anthracene-d10	17.504	188	5436621	35.624	ng/u1	0.00
81) Pyrene-d10	19.727	212	6631798	32.858	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	5914334	37.909	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	117202	9.194	ng/uL	100
5) Pyridine	3.840	79	273213	7.861	ng/u1	98
6) Benzaldehyde	7.146	77	663302	32.505	ng/u1	99
8) Phenol	7.187	94	1184634	27.032	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.428	93	955349	26.606	ng/u1	100
12) 2-Chlorophenol	7.575	128	936403	27.031	ng/u1	99
13) 2-Methylphenol	8.452	108	914680	26.855	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1341812	25.908	ng/u1	100
16) Acetophenone	8.840	105	1518419	28.450	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.828	70	731540	27.824	ng/u1	97
18) 4-Methylphenol	8.781	108	1011139	26.956	ng/u1	99
19) Hexachloroethane	9.105	117	350368	26.374	ng/u1	95
22) Nitrobenzene	9.222	77	1051584	28.009	ng/u1	99
23) Isophorone	9.752	82	2133461	25.776	ng/u1	100
25) 2-Nitrophenol	9.934	139	548088	30.040	ng/u1	98
26) 2,4-Dimethylphenol	9.993	107	1051950	25.947	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.234	93	1319640	26.005	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	981698	26.720	ng/u1	100
30) Naphthalene	10.881	128	3225417	26.336	ng/u1	99
32) 4-Chloroaniline	10.987	127	1200795	24.075	ng/u1	98
33) Hexachlorobutadiene	11.169	225	630173	25.751	ng/u1	99
34) Caprolactam	11.763	113	319653m	28.333	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	1037678	27.891	ng/u1	99
36) 2-Methylnaphthalene	12.481	142	2255681	26.746	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	2267780	26.830	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	1290140	25.563	ng/u1	99
40) Hexachlorocyclopentadiene	12.828	237	525188	21.596	ng/u1	100
41) 2,4,6-Trichlorophenol	13.081	196	840601	26.619	ng/u1	98
42) 2,4,5-Trichlorophenol	13.151	196	927971	27.336	ng/u1	99
43) 1,1'-Biphenyl	13.481	154	3013378	26.136	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	2405332	26.078	ng/u1	100
45) 2-Nitroaniline	13.728	65	624449	34.602	ng/u1	98
47) Dimethylphthalate	14.104	163	3187552	27.913	ng/u1	100
48) 2,6-Dinitrotoluene	14.222	165	603961	33.795	ng/u1	98
50) Acenaphthylene	14.369	152	3720529	26.768	ng/u1	100
51) 3-Nitroaniline	14.551	138	624822	30.188	ng/u1	96
52) Acenaphthene	14.710	153	2601542	26.586	ng/u1	99
53) 2,4-Dinitrophenol	14.751	184	318678	27.750	ng/u1	96
55) 4-Nitrophenol	14.845	109	422039	29.909	ng/u1	95
56) Dibenzofuran	15.045	168	3670684	27.215	ng/u1	99
57) 2,4-Dinitrotoluene	15.004	165	919106	34.851	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	849235	29.024	ng/u1	100
59) Diethylphthalate	15.469	149	3190256	28.861	ng/u1	99
61) Fluorene	15.698	166	3056107	28.254	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.687	204	1558993	27.779	ng/u1	99
63) 4-Nitroaniline	15.716	138	657323	37.262	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.769	198	552838	31.082	ng/u1	96
67) N-Nitrosodiphenylamine	15.904	169	2722955	27.636	ng/u1	99
68) 4-Bromophenyl-phenylether	16.586	248	837043	24.531	ng/u1	97
69) Hexachlorobenzene	16.704	284	1209509	27.811	ng/u1	97
70) Atrazine	16.857	200	948291	28.052	ng/u1	99
71) Pentachlorophenol	17.045	266	661368	24.764	ng/u1	97
72) Phenanthrene	17.445	178	5259690	28.466	ng/u1	100
74) Anthracene	17.539	178	5223443	28.575	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1299594	24.247	ng/uL	100
76) Pentachlorobenzene	14.963	250	1286891	23.098	ng/uL	99
77) Carbazole	17.804	167	4841227	31.306	ng/u1	100
78) Di-n-butylphthalate	18.351	149	5677214	31.012	ng/u1	99
80) Fluoranthene	19.404	202	6479593	25.810	ng/u1	99
82) Pyrene	19.757	202	6682297	25.736	ng/u1	99
83) Butylbenzylphthalate	20.622	149	2329236	38.335	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.398	252	1762085	27.625	ng/u1	99
85) Benzo(a)anthracene	21.474	228	6568441	27.341	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	3431062	36.925	ng/u1	100
87) Chrysene	21.527	228	6075239	26.154	ng/u1	100
89) Di-n-octyl phthalate	22.351	149	5449033	30.042	ng/u1	100
90) Benzo(b)fluoranthene	23.233	252	6346846	26.985	ng/u1	99
91) Benzo(k)fluoranthene	23.280	252	6111037	26.029	ng/u1	100
93) Benzo(a)pyrene	23.892	252	5339484	27.607	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	5716408	30.635	ng/u1	99
95) Dibenzo(a,h)anthracene	26.657	278	5023316	29.668	ng/u1	99
96) Benzo(g,h,i)perylene	27.445	276	4530193	28.226	ng/u1	99

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

