

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021140.D
 Acq On : 25 Jul 2024 09:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020705

Quant Time: Jul 25 22:45:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	211433	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.399	136	827407	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.281	164	508748	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	1009543	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	736296	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	927483	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	35510	7.643	ng/uL	0.00
4) Pyridine-d5	3.581	84	246910	18.356	ng/u1	-0.02
7) Phenol-d5	6.834	99	311154	18.051	ng/u1	-0.04
9) Bis-(2-Chloroethyl)eth...	6.975	67	187958	17.993	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.169	132	263474	18.552	ng/u1	-0.04
15) 4-Methylphenol-d8	8.352	113	249082	17.398	ng/u1	-0.03
21) Nitrobenzene-d5	8.781	128	125830	19.580	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.499	143	142713	19.402	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.046	165	252320	18.971	ng/u1	-0.03
31) 4-Chloroaniline-d4	10.552	131	326850	18.550	ng/u1	-0.02
46) Dimethylphthalate-d6	13.687	166	693493	18.752	ng/u1	-0.01
49) Acenaphthylene-d8	13.975	160	801549	19.302	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	122190m	23.221	ng/u1	-0.02
60) Fluorene-d10	15.298	176	572004	18.853	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	104331	17.080	ng/u1	0.00
73) Anthracene-d10	17.210	188	854546	19.058	ng/u1	0.00
81) Pyrene-d10	19.598	212	908767	19.964	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.645	264	846482	18.505	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	39574	7.744	ng/uL	97
5) Pyridine	3.599	79	262264	18.903	ng/u1	99
6) Benzaldehyde	6.793	77	191994	22.093	ng/u1	99
8) Phenol	6.864	94	314467	18.029	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.064	93	263508	18.287	ng/u1	99
12) 2-Chlorophenol	7.205	128	264805	18.603	ng/u1	97
13) 2-Methylphenol	8.093	108	244537	18.128	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	369185	17.734	ng/u1	97
16) Acetophenone	8.452	105	391648	17.725	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.428	70	194386	16.790	ng/u1	98
18) 4-Methylphenol	8.416	108	254188	17.589	ng/u1	97
19) Hexachloroethane	8.675	117	115279	18.022	ng/u1	98
22) Nitrobenzene	8.828	77	296346	19.250	ng/u1	100
23) Isophorone	9.346	82	537044	17.548	ng/u1	99
25) 2-Nitrophenol	9.534	139	147872	19.276	ng/u1	99
26) 2,4-Dimethylphenol	9.605	107	283740	18.757	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.810	93	335574	18.039	ng/u1	99
29) 2,4-Dichlorophenol	10.075	162	246548	18.809	ng/u1	99
30) Naphthalene	10.446	128	822625	18.901	ng/u1	99
32) 4-Chloroaniline	10.581	127	309702	18.407	ng/u1	100
33) Hexachlorobutadiene	10.716	225	187312	19.058	ng/u1	99
34) Caprolactam	11.387	113	71343	17.668	ng/u1	96
35) 4-Chloro-3-methylphenol	11.734	107	255096	17.904	ng/u1	99
36) 2-Methylnaphthalene	12.069	142	550581	18.429	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	560822	18.252	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	326403	19.756	ng/ul	97
40) Hexachlorocyclopentadiene	12.399	237	212567	24.594	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	197854	18.952	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	207344	18.771	ng/ul	99
43) 1,1'-Biphenyl	13.093	154	707911	19.040	ng/ul	98
44) 2-Chloronaphthalene	13.146	162	572582	19.291	ng/ul	99
45) 2-Nitroaniline	13.375	65	155032	18.888	ng/ul	98
47) Dimethylphthalate	13.740	163	706883	18.837	ng/ul	99
48) 2,6-Dinitrotoluene	13.881	165	141513	18.862	ng/ul	97
50) Acenaphthylene	14.004	152	887595	18.878	ng/ul	99
51) 3-Nitroaniline	14.228	138	133249	20.410	ng/ul	94
52) Acenaphthene	14.351	153	603641	19.343	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	94856m	24.075	ng/ul	
55) 4-Nitrophenol	14.593	109	81324	19.000	ng/ul	90
56) Dibenzofuran	14.693	168	813357	19.033	ng/ul	98
57) 2,4-Dinitrotoluene	14.693	165	202056	19.619	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.945	232	164849	17.428	ng/ul	93
59) Diethylphthalate	15.128	149	681027	18.159	ng/ul	100
61) Fluorene	15.357	166	660949	18.953	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	348862	18.436	ng/ul	98
63) 4-Nitroaniline	15.422	138	117520	21.737	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.487	198	111629	17.233	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	549074	18.677	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	215901	18.246	ng/ul	96
69) Hexachlorobenzene	16.387	284	255743	18.849	ng/ul	98
70) Atrazine	16.569	200	205019	19.135	ng/ul	99
71) Pentachlorophenol	16.769	266	127924	17.360	ng/ul	99
72) Phenanthrene	17.151	178	991647	18.935	ng/ul	100
74) Anthracene	17.245	178	1009023	18.899	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	315582	19.531	ng/uL	98
76) Pentachlorobenzene	14.604	250	309933	19.303	ng/uL	99
77) Carbazole	17.539	167	861286	19.734	ng/ul	100
78) Di-n-butylphthalate	18.116	149	1084244	18.006	ng/ul	99
80) Fluoranthene	19.251	202	1107092	20.139	ng/ul	100
82) Pyrene	19.628	202	1097984	19.628	ng/ul	99
83) Butylbenzylphthalate	20.575	149	426154	18.284	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	300891	17.884	ng/ul	99
85) Benzo(a)anthracene	21.539	228	968232	18.772	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	584419	17.424	ng/ul	100
87) Chrysene	21.604	228	892223	18.616	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	891585	14.552	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	981265	17.434	ng/ul	98
91) Benzo(k)fluoranthene	23.892	252	973144	17.325	ng/ul	99
93) Benzo(a)pyrene	24.716	252	967368	18.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.651	276	1418485	20.697	ng/ul	99
95) Dibenzo(a,h)anthracene	28.727	278	1173189	20.671	ng/ul	99
96) Benzo(g,h,i)perylene	29.839	276	1193560m	21.383	ng/ul	

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

