

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021149.D
 Acq On : 25 Jul 2024 15:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020706

Quant Time: Jul 25 23:05:14 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	7.658	152	216866	20.000	ng/u1	0.01
20) Naphthalene-d8	10.416	136	846463	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.293	164	531849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1069060	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	919904	20.000	ng/u1	0.00
88) Perylene-d12	24.868	264	1076404	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	36427	7.644	ng/uL	0.00
4) Pyridine-d5	3.593	84	256049	18.558	ng/u1	0.00
7) Phenol-d5	6.864	99	320610	18.134	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	195286	18.226	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	269866	18.526	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	257079	17.507	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	128736	19.581	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	147231	19.566	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.069	165	255353	18.766	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	335961	18.638	ng/u1	0.01
46) Dimethylphthalate-d6	13.704	166	720174	18.627	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	815751	18.791	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	132764m	24.135	ng/u1	-0.01
60) Fluorene-d10	15.304	176	608202	19.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	116508	18.012	ng/u1	0.00
73) Anthracene-d10	17.210	188	932393	19.637	ng/u1	0.00
81) Pyrene-d10	19.598	212	1033936	18.180	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.627	264	1018457	19.184	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	39263	7.491	ng/uL	97
5) Pyridine	3.611	79	267641	18.807	ng/u1	99
6) Benzaldehyde	6.816	77	193805	21.743	ng/u1	98
8) Phenol	6.887	94	322749	18.040	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.093	93	261431	17.689	ng/u1	99
12) 2-Chlorophenol	7.234	128	272127	18.639	ng/u1	99
13) 2-Methylphenol	8.116	108	247197	17.866	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.163	45	375082m	17.566	ng/u1	
16) Acetophenone	8.475	105	403150	17.788	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.452	70	193643	16.307	ng/u1	100
18) 4-Methylphenol	8.446	108	257481	17.370	ng/u1	97
19) Hexachloroethane	8.710	117	117895	17.969	ng/u1	98
22) Nitrobenzene	8.852	77	305179	19.377	ng/u1	99
23) Isophorone	9.369	82	552169	17.636	ng/u1	98
25) 2-Nitrophenol	9.557	139	152213	19.395	ng/u1	96
26) 2,4-Dimethylphenol	9.622	107	285926	18.476	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.846	93	345868	18.173	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	251776	18.775	ng/u1	99
30) Naphthalene	10.463	128	850980	19.113	ng/u1	100
32) 4-Chloroaniline	10.604	127	321326	18.667	ng/u1	99
33) Hexachlorobutadiene	10.728	225	188169	18.714	ng/u1	98
34) Caprolactam	11.410	113	76409m	18.496	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	267889	18.378	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	554446	18.141	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	576873	18.352	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.457	216	329952	19.103	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	215589	23.860	ng/ul	100
41) 2,4,6-Trichlorophenol	12.728	196	202921	18.593	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	216525	18.751	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	735608	18.926	ng/ul	98
44) 2-Chloronaphthalene	13.157	162	589638	19.003	ng/ul	99
45) 2-Nitroaniline	13.387	65	168977	19.692	ng/ul	94
47) Dimethylphthalate	13.751	163	718948	18.327	ng/ul	100
48) 2,6-Dinitrotoluene	13.893	165	148423	18.924	ng/ul	96
50) Acenaphthylene	14.010	152	916011	18.636	ng/ul	99
51) 3-Nitroaniline	14.234	138	142264	20.844	ng/ul	96
52) Acenaphthene	14.357	153	609881	18.694	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	102852	24.971	ng/ul	98
55) 4-Nitrophenol	14.604	109	89286	19.954	ng/ul	91
56) Dibenzofuran	14.704	168	843352	18.877	ng/ul	97
57) 2,4-Dinitrotoluene	14.710	165	211350	19.630	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.945	232	179169	18.119	ng/ul	99
59) Diethylphthalate	15.134	149	712491	18.173	ng/ul	98
61) Fluorene	15.369	166	686986	18.844	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.357	204	366694	18.537	ng/ul	99
63) 4-Nitroaniline	15.428	138	130928	23.165	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.487	198	120864	17.620	ng/ul	100
67) N-Nitrosodiphenylamine	15.581	169	577984	18.566	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	228461	18.232	ng/ul	96
69) Hexachlorobenzene	16.387	284	269448	18.754	ng/ul	99
70) Atrazine	16.569	200	219549	19.351	ng/ul	98
71) Pentachlorophenol	16.763	266	154524	19.802	ng/ul	97
72) Phenanthrene	17.145	178	1070075	19.295	ng/ul	99
74) Anthracene	17.245	178	1091418	19.304	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	319623	18.680	ng/uL	98
76) Pentachlorobenzene	14.622	250	321210	18.892	ng/uL	100
77) Carbazole	17.539	167	933511	20.198	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1166419	18.292	ng/ul	100
80) Fluoranthene	19.251	202	1241278	18.073	ng/ul	99
82) Pyrene	19.628	202	1269144	18.159	ng/ul	100
83) Butylbenzylphthalate	20.563	149	497595	17.088	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	391934	18.645	ng/ul	99
85) Benzo(a)anthracene	21.527	228	1191909	18.496	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	692548	16.526	ng/ul	99
87) Chrysene	21.598	228	1138795	19.018	ng/ul	100
89) Di-n-octyl phthalate	22.692	149	1153620	16.224	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1194327	18.284	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	1194129	18.318	ng/ul	99
93) Benzo(a)pyrene	24.704	252	1163885	18.855	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.645	276	1536171	19.313	ng/ul	100
95) Dibenzo(a,h)anthracene	28.698	278	1268668	19.261	ng/ul	99
96) Benzo(g,h,i)perylene	29.815	276	1279631m	19.754	ng/ul	

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

