

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072424\
 Data File : BP021121.D
 Acq On : 24 Jul 2024 09:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020702

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 23:15:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 23:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	159578	20.000	ng/u1	0.00
20) Naphthalene-d8	10.428	136	654562	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	446220	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1013300	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	1127718	20.000	ng/u1	0.00
88) Perylene-d12	24.869	264	1438106	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	26091	7.440	ng/uL	0.00
4) Pyridine-d5	3.599	84	194490	19.157	ng/u1	0.00
7) Phenol-d5	6.869	99	254028	19.526	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	148322	18.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.205	132	208267	19.430	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	208655	19.310	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	104195	20.494	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	120857	20.769	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	211485	20.099	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	225265	16.160	ng/u1	0.00
46) Dimethylphthalate-d6	13.699	166	647842	19.972	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	707457	19.423	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	137062	29.698	ng/u1	0.00
60) Fluorene-d10	15.304	176	537766	20.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	112924	18.419	ng/u1	0.00
73) Anthracene-d10	17.204	188	876931	19.485	ng/u1	0.00
81) Pyrene-d10	19.586	212	1073409	15.396	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	1351435	19.054	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	29421	7.628	ng/uL#	89
5) Pyridine	3.623	79	199724	19.073	ng/u1	97
6) Benzaldehyde	6.817	77	151775	23.140	ng/u1	99
8) Phenol	6.899	94	252092	19.149	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.087	93	201542	18.532	ng/u1	99
12) 2-Chlorophenol	7.234	128	205289	19.109	ng/u1	99
13) 2-Methylphenol	8.116	108	197810	19.429	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.169	45	286113m	18.210	ng/u1	
16) Acetophenone	8.469	105	317748	19.053	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.446	70	157968	18.078	ng/u1	98
18) 4-Methylphenol	8.446	108	209518	19.209	ng/u1	94
19) Hexachloroethane	8.699	117	86348	17.886	ng/u1	97
22) Nitrobenzene	8.852	77	238648	19.595	ng/u1	96
23) Isophorone	9.369	82	465021	19.207	ng/u1	100
25) 2-Nitrophenol	9.552	139	125076	20.609	ng/u1	96
26) 2,4-Dimethylphenol	9.622	107	239143	19.983	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.834	93	274577	18.657	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	206639	19.927	ng/u1	96
30) Naphthalene	10.475	128	663396	19.268	ng/u1	100
32) 4-Chloroaniline	10.593	127	221510	16.641	ng/u1	99
33) Hexachlorobutadiene	10.740	225	148564	19.107	ng/u1	99
34) Caprolactam	11.446	113	77726	24.331	ng/u1	97
35) 4-Chloro-3-methylphenol	11.757	107	233876	20.749	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	452349	19.139	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	467889	19.249	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.457	216	275147	18.987	ng/ul	97
40) Hexachlorocyclopentadiene	12.416	237	238000	31.395	ng/ul	100
41) 2,4,6-Trichlorophenol	12.716	196	182590	19.940	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	191709	19.788	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	598465	18.352	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	485059	18.632	ng/ul	98
45) 2-Nitroaniline	13.393	65	156332	21.715	ng/ul	98
47) Dimethylphthalate	13.746	163	654982	19.900	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	138980	21.120	ng/ul	96
50) Acenaphthylene	14.016	152	782738	18.980	ng/ul	99
51) 3-Nitroaniline	14.240	138	76856	13.422	ng/ul	97
52) Acenaphthene	14.357	153	520755	19.025	ng/ul	98
53) 2,4-Dinitrophenol	14.469	184	103037	29.816	ng/ul	97
55) 4-Nitrophenol	14.610	109	97942	26.088	ng/ul	93
56) Dibenzofuran	14.698	168	730634	19.493	ng/ul	96
57) 2,4-Dinitrotoluene	14.693	165	200260	22.170	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.957	232	159902	19.274	ng/ul	98
59) Diethylphthalate	15.134	149	668428	20.321	ng/ul	99
61) Fluorene	15.357	166	610619	19.964	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.357	204	320700	19.323	ng/ul	96
63) 4-Nitroaniline	15.428	138	71254m	15.026	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.487	198	116172	17.868	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	535656	18.153	ng/ul	100
68) 4-Bromophenyl-phenylether	16.275	248	216052	18.191	ng/ul	95
69) Hexachlorobenzene	16.392	284	251265	18.451	ng/ul	95
70) Atrazine	16.569	200	222360	20.677	ng/ul	100
71) Pentachlorophenol	16.763	266	134829m	18.229	ng/ul	
72) Phenanthrene	17.145	178	992004	18.872	ng/ul	100
74) Anthracene	17.240	178	1028394	19.190	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.075	216	265149	16.349	ng/ul	97
76) Pentachlorobenzene	14.616	250	274356	17.024	ng/ul	98
77) Carbazole	17.539	167	950948	21.708	ng/ul	99
78) Di-n-butylphthalate	18.104	149	1212982	20.069	ng/ul	99
80) Fluoranthene	19.245	202	1262999	15.000	ng/ul	99
82) Pyrene	19.616	202	1314008	15.336	ng/ul	99
83) Butylbenzylphthalate	20.563	149	597356	16.734	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	130892m	5.079	ng/ul	
85) Benzo(a)anthracene	21.533	228	1483176	18.775	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	919242	17.894	ng/ul	98
87) Chrysene	21.604	228	1396964	19.031	ng/ul	99
89) Di-n-octyl phthalate	22.692	149	1679172	17.675	ng/ul	100
90) Benzo(b)fluoranthene	23.822	252	1616645	18.524	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	1605292	18.432	ng/ul	100
93) Benzo(a)pyrene	24.716	252	1538595	18.656	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.639	276	1901159	17.890	ng/ul	100
95) Dibenzo(a,h)anthracene	28.692	278	1579145	17.945	ng/ul	99
96) Benzo(g,h,i)perylene	29.809	276	1491423m	17.232	ng/ul	

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

