

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
 Data File : BG062281.D
 Acq On : 6 Aug 2024 22:22
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020592

Quant Time: Aug 07 01:48:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 01:46:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	58875	20.000	ng/u1	0.00
20) Naphthalene-d8	10.754	136	277016	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.578	164	212858	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	451031	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	445344	20.000	ng/u1	0.00
88) Perylene-d12	24.653	264	513712	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	9722m	7.120	ng/uL	0.00
4) Pyridine-d5	3.828	84	73796	17.180	ng/u1	0.00
7) Phenol-d5	7.112	99	105728	18.815	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.288	67	64176	18.552	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	79355	19.710	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	87584	18.712	ng/u1	0.00
21) Nitrobenzene-d5	9.115	128	37833	22.149	ng/u1	0.00
24) 2-Nitrophenol-d4	9.838	143	39883	24.821	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.372	165	92572	19.835	ng/u1	0.00
31) 4-Chloroaniline-d4	10.883	131	124381	18.375	ng/u1	0.00
46) Dimethylphthalate-d6	13.991	166	284368	17.315	ng/u1	0.00
49) Acenaphthylene-d8	14.273	160	339599	18.238	ng/u1	0.00
54) 4-Nitrophenol-d4	14.755	143	45103	19.617	ng/u1	0.00
60) Fluorene-d10	15.571	176	266441	18.075	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	33113	24.790	ng/u1	0.00
73) Anthracene-d10	17.422	188	405893	18.658	ng/u1	0.00
81) Pyrene-d10	19.701	212	487954	18.434	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.441	264	506274	18.436	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.458	88	10659	6.915	ng/uL	98
5) Pyridine	3.846	79	77704	17.403	ng/u1	95
6) Benzaldehyde	7.100	77	60148m	20.253	ng/u1	
8) Phenol	7.141	94	109830	18.523	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.382	93	79890	18.180	ng/u1	97
12) 2-Chlorophenol	7.523	128	82387	19.260	ng/u1	96
13) 2-Methylphenol	8.393	108	83912	18.768	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	166798	18.578	ng/u1	99
16) Acetophenone	8.780	105	137166	18.402	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.769	70	73654	18.593	ng/u1	98
18) 4-Methylphenol	8.722	108	94748	18.924	ng/u1	94
19) Hexachloroethane	9.045	117	30479	19.173	ng/u1	98
22) Nitrobenzene	9.156	77	101504	20.896	ng/u1	99
23) Isophorone	9.679	82	208671	17.857	ng/u1	99
25) 2-Nitrophenol	9.867	139	46492	23.853	ng/u1	94
26) 2,4-Dimethylphenol	9.926	107	103947	18.632	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.167	93	121404	18.422	ng/u1	98
29) 2,4-Dichlorophenol	10.402	162	92846	19.629	ng/u1	99
30) Naphthalene	10.807	128	296075	18.803	ng/u1	98
32) 4-Chloroaniline	10.907	127	123279	18.633	ng/u1	96
33) Hexachlorobutadiene	11.101	225	68817	19.223	ng/u1	97
34) Caprolactam	11.653	113	31102	18.798	ng/u1	94
35) 4-Chloro-3-methylphenol	12.023	107	104572	19.701	ng/u1	98
36) 2-Methylnaphthalene	12.411	142	217083	20.011	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	219608	19.539	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	137510	19.787	ng/ul	98
40) Hexachlorocyclopentadiene	12.763	237	56881	21.061	ng/ul	100
41) 2,4,6-Trichlorophenol	13.010	196	84676	21.008	ng/ul	95
42) 2,4,5-Trichlorophenol	13.080	196	91631	21.100	ng/ul	98
43) 1,1'-Biphenyl	13.421	154	304801	18.900	ng/ul	100
44) 2-Chloronaphthalene	13.456	162	238437	19.027	ng/ul	99
45) 2-Nitroaniline	13.650	65	70040	21.945	ng/ul	94
47) Dimethylphthalate	14.038	163	290832	17.652	ng/ul	100
48) 2,6-Dinitrotoluene	14.150	165	52172	23.193	ng/ul	94
50) Acenaphthylene	14.302	152	360202	18.155	ng/ul	100
51) 3-Nitroaniline	14.473	138	51214	19.999	ng/ul	96
52) Acenaphthene	14.643	153	272039	18.416	ng/ul	96
53) 2,4-Dinitrophenol	14.678	184	18787	21.004	ng/ul#	77
55) 4-Nitrophenol	14.772	109	38776	18.854	ng/ul	99
56) Dibenzofuran	14.978	168	376799	18.465	ng/ul	97
57) 2,4-Dinitrotoluene	14.931	165	73133	23.701	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.201	232	78224	20.003	ng/ul	99
59) Diethylphthalate	15.407	149	291541	17.525	ng/ul	97
61) Fluorene	15.630	166	288789	18.099	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.624	204	151526	18.419	ng/ul	97
63) 4-Nitroaniline	15.630	138	48544	19.670	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.694	198	36466	23.693	ng/ul	100
67) N-Nitrosodiphenylamine	15.830	169	252795	18.704	ng/ul	98
68) 4-Bromophenyl-phenylether	16.517	248	98941	19.254	ng/ul	97
69) Hexachlorobenzene	16.628	284	111124	18.589	ng/ul	96
70) Atrazine	16.781	200	98465	19.016	ng/ul	98
71) Pentachlorophenol	16.969	266	65449	20.792	ng/ul	99
72) Phenanthrene	17.363	178	472804	18.625	ng/ul	100
74) Anthracene	17.457	178	488985	18.768	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.380	216	140030	20.730	ng/ul	99
76) Pentachlorobenzene	14.901	250	138000	19.528	ng/ul	96
77) Carbazole	17.715	167	399341	18.689	ng/ul	99
78) Di-n-butylphthalate	18.297	149	485813	19.108	ng/ul	99
80) Fluoranthene	19.366	202	548335	18.321	ng/ul	99
82) Pyrene	19.730	202	589163	18.485	ng/ul	99
83) Butylbenzylphthalate	20.629	149	213828	19.438	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	206498	20.599	ng/ul	97
85) Benzo(a)anthracene	21.545	228	607455	18.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.481	149	324450	19.110	ng/ul	99
87) Chrysene	21.610	228	575382	18.688	ng/ul	99
89) Di-n-octyl phthalate	22.662	149	550013	18.795	ng/ul	100
90) Benzo(b)fluoranthene	23.678	252	566597	18.132	ng/ul	99
91) Benzo(k)fluoranthene	23.742	252	588148	18.500	ng/ul	100
93) Benzo(a)pyrene	24.512	252	544962	18.431	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.148	276	703344	18.356	ng/ul	99
95) Dibenzo(a,h)anthracene	28.213	278	572945	18.308	ng/ul	98
96) Benzo(g,h,i)perylene	29.229	276	538063	18.492	ng/ul	99

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

