

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061668.D
 Acq On : 24 Jun 2024 9:37
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020533

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 24 11:28:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	57894	20.000	ng/u1	0.00
20) Naphthalene-d8	10.890	136	312558	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.704	164	240388	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	592831	20.000	ng/u1	0.00
79) Chrysene-d12	21.713	240	503434	20.000	ng/u1	0.00
88) Perylene-d12	24.945	264	571854	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.476	96	12553	7.833	ng/uL	0.01
4) Pyridine-d5	3.887	84	94336	19.469	ng/u1	0.00
7) Phenol-d5	7.218	99	125403	19.953	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.400	67	77208	19.706	ng/u1	0.00
11) 2-Chlorophenol-d4	7.600	132	85469	19.817	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	102157	21.026	ng/u1	0.00
21) Nitrobenzene-d5	9.239	128	45648	21.509	ng/u1	0.00
24) 2-Nitrophenol-d4	9.962	143	53259	24.778	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.497	165	104485	20.529	ng/u1	0.00
31) 4-Chloroaniline-d4	11.014	131	154559	20.058	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	367431	19.862	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	407393	20.095	ng/u1	0.00
54) 4-Nitrophenol-d4	14.880	143	66324	20.876	ng/u1	0.01
60) Fluorene-d10	15.697	176	330961	20.436	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	53063	20.932	ng/u1	0.00
73) Anthracene-d10	17.547	188	537627	19.868	ng/u1	0.00
81) Pyrene-d10	19.827	212	590408	20.995	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.721	264	557903	20.427	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.511	88	12841	6.447	ng/uL	95
5) Pyridine	3.910	79	99384	19.080	ng/u1	92
6) Benzaldehyde	7.212	77	72433	23.420	ng/u1	96
8) Phenol	7.248	94	130726	19.766	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.494	93	98249	19.737	ng/u1	99
12) 2-Chlorophenol	7.635	128	89099	20.592	ng/u1	98
13) 2-Methylphenol	8.511	108	94250	20.368	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.611	45	217520	21.388	ng/u1	97
16) Acetophenone	8.899	105	173282	21.659	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.881	70	96094	22.360	ng/u1#	94
18) 4-Methylphenol	8.834	108	109320	21.088	ng/u1	95
19) Hexachloroethane	9.163	117	34867	20.097	ng/u1#	88
22) Nitrobenzene	9.281	77	127276	20.818	ng/u1	95
23) Isophorone	9.809	82	275379	19.586	ng/u1	98
25) 2-Nitrophenol	9.997	139	53598	23.847	ng/u1#	84
26) 2,4-Dimethylphenol	10.044	107	123684	19.676	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.291	93	162370	20.414	ng/u1	99
29) 2,4-Dichlorophenol	10.526	162	96884	20.777	ng/u1	97
30) Naphthalene	10.937	128	335255	19.170	ng/u1	98
32) 4-Chloroaniline	11.043	127	151281	19.795	ng/u1	93
33) Hexachlorobutadiene	11.225	225	63960	19.857	ng/u1	97
34) Caprolactam	11.795	113	39605	20.540	ng/u1	90
35) 4-Chloro-3-methylphenol	12.148	107	136376	20.914	ng/u1	95
36) 2-Methylnaphthalene	12.541	142	247997	20.097	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.759	142	260020	19.748	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.900	216	136534	20.069	ng/ul	99
40) Hexachlorocyclopentadiene	12.876	237	70066	17.309	ng/ul#	87
41) 2,4,6-Trichlorophenol	13.135	196	93043	21.197	ng/ul	94
42) 2,4,5-Trichlorophenol	13.205	196	105452	22.041	ng/ul	99
43) 1,1'-Biphenyl	13.540	154	353952	20.327	ng/ul	99
44) 2-Chloronaphthalene	13.581	162	263300	19.685	ng/ul	95
45) 2-Nitroaniline	13.781	65	106900	23.346	ng/ul	98
47) Dimethylphthalate	14.157	163	359959	19.595	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	72930	23.925	ng/ul#	89
50) Acenaphthylene	14.428	152	452989	20.017	ng/ul	99
51) 3-Nitroaniline	14.604	138	71965	23.054	ng/ul#	91
52) Acenaphthene	14.768	153	314487	20.067	ng/ul	93
53) 2,4-Dinitrophenol	14.804	184	32109	20.728	ng/ul#	88
55) 4-Nitrophenol	14.892	109	65831	20.065	ng/ul	94
56) Dibenzofuran	15.103	168	436636	19.909	ng/ul	94
57) 2,4-Dinitrotoluene	15.056	165	108689	24.021	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.315	232	97077	20.694	ng/ul	97
59) Diethylphthalate	15.520	149	390275	20.628	ng/ul	94
61) Fluorene	15.749	166	371813	20.485	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.744	204	187172	20.773	ng/ul	94
63) 4-Nitroaniline	15.761	138	73423	22.202	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.814	198	57878	20.157	ng/ul#	94
67) N-Nitrosodiphenylamine	15.955	169	319110	20.815	ng/ul	98
68) 4-Bromophenyl-phenylether	16.637	248	129941	21.288	ng/ul	92
69) Hexachlorobenzene	16.742	284	145909	19.697	ng/ul	99
70) Atrazine	16.901	200	124855	20.390	ng/ul	97
71) Pentachlorophenol	17.083	266	86770	19.230	ng/ul	93
72) Phenanthrene	17.489	178	608636	19.515	ng/ul	98
74) Anthracene	17.583	178	630160	19.758	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.505	216	132801	20.106	ng/uL	98
76) Pentachlorobenzene	15.015	250	161108	20.312	ng/uL	92
77) Carbazole	17.847	167	542459	20.032	ng/ul	100
78) Di-n-butylphthalate	18.411	149	694907	21.455	ng/ul	98
80) Fluoranthene	19.492	202	693951	21.268	ng/ul	98
82) Pyrene	19.856	202	724897	20.894	ng/ul	99
83) Butylbenzylphthalate	20.744	149	299958	23.746	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.607	252	241553	22.692	ng/ul	98
85) Benzo(a)anthracene	21.695	228	709241	20.070	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.613	149	443064	23.862	ng/ul	96
87) Chrysene	21.760	228	668632	19.996	ng/ul	97
89) Di-n-octyl phthalate	22.841	149	752265	24.941	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	691831	20.126	ng/ul	97
91) Benzo(k)fluoranthene	23.981	252	716930	20.279	ng/ul	98
93) Benzo(a)pyrene	24.786	252	656329	19.832	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.629	276	834125m	20.226	ng/ul	
95) Dibenzo(a,h)anthracene	28.699	278	687386m	20.045	ng/ul	
96) Benzo(g,h,i)perylene	29.762	276	643770m	19.365	ng/ul	

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