

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052124\
 Data File : BG061251.D
 Acq On : 21 May 2024 12:35
 Operator : MA/JU
 Sample : SSTD02087
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTD020415

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Supervised By :mohammad
 ahmed
 05/24/2024

Quant Time: May 21 15:05:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:04:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	20969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.685	136	99753	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	91870	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.272	188	227826	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	240370	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	270964	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	3060	8.167	ng/uL	0.00
4) Pyridine-d5	3.746	84	26955	19.966	ng/u1	0.00
7) Phenol-d5	7.066	99	36124	21.010	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	21871	19.983	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	26577	20.854	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	31229	20.933	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	15731	20.482	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	18102	20.139	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	35768	20.412	ng/u1	0.00
31) 4-Chloroaniline-d4	10.820	131	46192	19.856	ng/u1	0.00
46) Dimethylphthalate-d6	13.929	166	139437	19.569	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	145042	19.580	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	17165	19.530	ng/u1	0.00
60) Fluorene-d10	15.515	176	120090	19.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	27643	20.421	ng/u1	0.00
73) Anthracene-d10	17.366	188	200667	19.980	ng/u1	0.00
81) Pyrene-d10	19.657	212	244590	19.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	257375	19.757	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.370	88	3460	7.694	ng/uL	100
5) Pyridine	3.764	79	26331	19.786	ng/u1	100
6) Benzaldehyde	7.025	77	21732	22.159	ng/u1	100
8) Phenol	7.095	94	35021	20.055	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.307	93	26111	20.180	ng/u1	100
12) 2-Chlorophenol	7.460	128	27842	20.672	ng/u1	100
13) 2-Methylphenol	8.341	108	28079	20.267	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.411	45	72531	20.374	ng/u1	100
16) Acetophenone	8.705	105	52965	20.508	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.688	70	29319	21.279	ng/u1	100
18) 4-Methylphenol	8.664	108	32802	21.317	ng/u1	100
19) Hexachloroethane	8.970	117	12198	20.355	ng/u1	100
22) Nitrobenzene	9.087	77	42059	19.966	ng/u1	100
23) Isophorone	9.610	82	87927	20.520	ng/u1	100
25) 2-Nitrophenol	9.798	139	19470	19.956	ng/u1	100
26) 2,4-Dimethylphenol	9.863	107	39789	20.582	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.092	93	43878	20.428	ng/u1	100
29) 2,4-Dichlorophenol	10.339	162	31991	19.821	ng/u1	100
30) Naphthalene	10.732	128	104433	19.835	ng/u1	100
32) 4-Chloroaniline	10.844	127	45610	19.704	ng/u1	100
33) Hexachlorobutadiene	11.014	225	31875	20.205	ng/u1	100
34) Caprolactam	11.596	113	13231m	20.740	ng/u1	100
35) 4-Chloro-3-methylphenol	11.984	107	42518	20.378	ng/u1	100
36) 2-Methylnaphthalene	12.342	142	77145	20.204	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.560	142	77989	19.903	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.712	216	58180	19.181	ng/ul	100
40) Hexachlorocyclopentadiene	12.695	237	29559	23.614	ng/ul	100
41) 2,4,6-Trichlorophenol	12.959	196	34703	20.312	ng/ul	100
42) 2,4,5-Trichlorophenol	13.041	196	36388	20.225	ng/ul	100
43) 1,1'-Biphenyl	13.353	154	117533	19.785	ng/ul	100
44) 2-Chloronaphthalene	13.394	162	92325	19.749	ng/ul	100
45) 2-Nitroaniline	13.600	65	37937	19.662	ng/ul	100
47) Dimethylphthalate	13.976	163	144241	19.423	ng/ul	100
48) 2,6-Dinitrotoluene	14.099	165	28838	19.802	ng/ul	100
50) Acenaphthylene	14.246	152	161690	19.684	ng/ul	100
51) 3-Nitroaniline	14.428	138	25940	19.997	ng/ul	100
52) Acenaphthene	14.587	153	107009	19.859	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	13523	18.400	ng/ul	100
55) 4-Nitrophenol	14.763	109	20402	19.895	ng/ul	100
56) Dibenzofuran	14.922	168	150377	19.518	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	44758	20.200	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	33238	20.256	ng/ul	100
59) Diethylphthalate	15.339	149	142713	19.460	ng/ul	100
61) Fluorene	15.574	166	132104	19.817	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.562	204	78428	20.061	ng/ul	100
63) 4-Nitroaniline	15.591	138	27522	20.263	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.662	198	28466	19.982	ng/ul	100
67) N-Nitrosodiphenylamine	15.779	169	115691	20.206	ng/ul	100
68) 4-Bromophenyl-phenylether	16.461	248	55045	20.393	ng/ul	100
69) Hexachlorobenzene	16.578	284	61260	20.418	ng/ul	100
70) Atrazine	16.731	200	45775	19.593	ng/ul	100
71) Pentachlorophenol	16.937	266	17730m	19.069	ng/ul	
72) Phenanthrene	17.313	178	221504	20.033	ng/ul	100
74) Anthracene	17.401	178	228444	19.983	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.323	216	60993	20.255	ng/uL	100
76) Pentachlorobenzene	14.845	250	67212	20.188	ng/uL	100
77) Carbazole	17.677	167	191296	20.334	ng/ul	100
78) Di-n-butylphthalate	18.235	149	235735	20.233	ng/ul	100
80) Fluoranthene	19.328	202	289988	19.586	ng/ul	100
82) Pyrene	19.686	202	299447	19.485	ng/ul	100
83) Butylbenzylphthalate	20.580	149	108752	20.599	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.420	252	108885	20.317	ng/ul	100
85) Benzo(a)anthracene	21.502	228	334148	20.147	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.414	149	157189	20.114	ng/ul	100
87) Chrysene	21.567	228	306498	20.070	ng/ul	100
89) Di-n-octyl phthalate	22.577	149	269577	19.634	ng/ul	100
90) Benzo(b)fluoranthene	23.629	252	315281	19.543	ng/ul	100
91) Benzo(k)fluoranthene	23.694	252	330451	20.177	ng/ul	100
93) Benzo(a)pyrene	24.463	252	303135	19.788	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.106	276	362331	19.558	ng/ul	100
95) Dibenzo(a,h)anthracene	28.159	278	302266	19.788	ng/ul	100
96) Benzo(g,h,i)perylene	29.193	276	289223	19.621	ng/ul	100

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

