

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063545.D
 Acq On : 25 Nov 2024 9:10
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020551

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 26 00:00:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	92282	20.000	ng/u1	0.00
20) Naphthalene-d8	10.615	136	371665	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.464	164	288305	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.219	188	731648	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	805681	20.000	ng/u1	0.00
88) Perylene-d12	24.517	264	868488	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	18763	8.025	ng/uL	0.00
4) Pyridine-d5	3.700	84	131261	17.911	ng/u1	0.00
7) Phenol-d5	7.002	99	150344	19.809	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.155	67	101310	20.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.366	132	114615	21.309	ng/u1	0.00
15) 4-Methylphenol-d8	8.536	113	128874	20.320	ng/u1	0.00
21) Nitrobenzene-d5	8.982	128	57172	21.421	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	69297	21.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	129033	20.503	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	163239	20.507	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	419794	21.449	ng/u1	0.00
49) Acenaphthylene-d8	14.158	160	467508	20.947	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	58090	19.975	ng/u1	0.00
60) Fluorene-d10	15.463	176	379603	21.346	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	81593	19.836	ng/u1	0.00
73) Anthracene-d10	17.319	188	673716m	21.195	ng/u1	0.00
81) Pyrene-d10	19.617	212	877085	21.718	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	890930	21.150	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	20381	7.383	ng/uL#	95
5) Pyridine	3.718	79	139410	18.695	ng/u1	97
6) Benzaldehyde	6.967	77	107121	24.659	ng/u1	97
8) Phenol	7.031	94	166341	20.099	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.249	93	126943	21.251	ng/u1	94
12) 2-Chlorophenol	7.396	128	119585	20.829	ng/u1	95
13) 2-Methylphenol	8.277	108	124390	20.201	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.342	45	186721	21.337	ng/u1	95
16) Acetophenone	8.641	105	201607	20.123	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.630	70	117460	20.979	ng/u1#	95
18) 4-Methylphenol	8.600	108	136305	20.182	ng/u1	98
19) Hexachloroethane	8.900	117	51297	20.689	ng/u1	97
22) Nitrobenzene	9.023	77	166915	20.385	ng/u1	94
23) Isophorone	9.540	82	309919	20.728	ng/u1	99
25) 2-Nitrophenol	9.734	139	70894	21.672	ng/u1	93
26) 2,4-Dimethylphenol	9.799	107	145452	20.627	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.022	93	170311	20.577	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	123154	20.030	ng/u1	97
30) Naphthalene	10.668	128	402833	21.203	ng/u1	98
32) 4-Chloroaniline	10.780	127	165449	21.751	ng/u1	97
33) Hexachlorobutadiene	10.956	225	106337	19.389	ng/u1	92
34) Caprolactam	11.520	113	45586m	21.997	ng/u1	
35) 4-Chloro-3-methylphenol	11.914	107	135686	21.682	ng/u1	98
36) 2-Methylnaphthalene	12.278	142	294893	21.867	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	301097	21.264	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.654	216	207001	20.432	ng/ul	96
40) Hexachlorocyclopentadiene	12.631	237	69929	16.182	ng/ul	95
41) 2,4,6-Trichlorophenol	12.901	196	110573	19.890	ng/ul	92
42) 2,4,5-Trichlorophenol	12.977	196	117829	20.538	ng/ul	87
43) 1,1'-Biphenyl	13.295	154	410282	21.443	ng/ul	95
44) 2-Chloronaphthalene	13.336	162	316736	21.067	ng/ul	97
45) 2-Nitroaniline	13.547	65	102475	21.625	ng/ul	93
47) Dimethylphthalate	13.923	163	402562	21.110	ng/ul#	95
48) 2,6-Dinitrotoluene	14.047	165	82500	21.325	ng/ul#	85
50) Acenaphthylene	14.188	152	484177	21.580	ng/ul	96
51) 3-Nitroaniline	14.376	138	80939	22.844	ng/ul#	92
52) Acenaphthene	14.534	153	343642	21.205	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	28247	14.221	ng/ul	91
55) 4-Nitrophenol	14.699	109	67574	19.995	ng/ul	89
56) Dibenzofuran	14.869	168	500612	21.531	ng/ul	99
57) 2,4-Dinitrotoluene	14.840	165	128963	21.784	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	103735	19.028	ng/ul#	95
59) Diethylphthalate	15.292	149	421683	21.893	ng/ul	97
61) Fluorene	15.521	166	434857	21.972	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.510	204	248850	21.071	ng/ul	96
63) 4-Nitroaniline	15.539	138	90647	24.989	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.610	198	84362	19.194	ng/ul#	98
67) N-Nitrosodiphenylamine	15.727	169	364227	20.968	ng/ul	95
68) 4-Bromophenyl-phenylether	16.409	248	166225	20.277	ng/ul	98
69) Hexachlorobenzene	16.532	284	171333	19.934	ng/ul	94
70) Atrazine	16.679	200	177473	21.147	ng/ul	95
71) Pentachlorophenol	16.879	266	60941m	15.162	ng/ul	
72) Phenanthrene	17.261	178	740534	21.232	ng/ul	97
74) Anthracene	17.355	178	757494	21.269	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.265	216	209565	19.685	ng/ul	92
76) Pentachlorobenzene	14.793	250	213895	20.346	ng/ul	98
77) Carbazole	17.625	167	668308	22.616	ng/ul	100
78) Di-n-butylphthalate	18.189	149	743849	21.958	ng/ul	99
80) Fluoranthene	19.288	202	980199	21.950	ng/ul	99
82) Pyrene	19.646	202	1039910	21.732	ng/ul	98
83) Butylbenzylphthalate	20.545	149	341310	21.980	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.379	252	381630	22.051	ng/ul	98
85) Benzo(a)anthracene	21.462	228	1111269	21.331	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.379	149	507397	22.481	ng/ul	93
87) Chrysene	21.520	228	1054234	21.642	ng/ul	99
89) Di-n-octyl phthalate	22.519	149	883243	22.921	ng/ul	100
90) Benzo(b)fluoranthene	23.553	252	1136729	21.800	ng/ul#	96
91) Benzo(k)fluoranthene	23.618	252	1113221	21.276	ng/ul	98
93) Benzo(a)pyrene	24.376	252	1025799	21.019	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.936	276	1248069	20.619	ng/ul	98
95) Dibenzo(a,h)anthracene	27.989	278	1022394	20.660	ng/ul	99
96) Benzo(g,h,i)perylene	29.000	276	962596	20.973	ng/ul	99

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

