

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112524\
 Data File : BG063549.D
 Acq On : 25 Nov 2024 14:24
 Operator : RC/JU
 Sample : P4895-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E2A12MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 00:24:49 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	7.830	152	93858	20.000	ng/u1	0.00
20) Naphthalene-d8	10.615	136	401213	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	310053	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.219	188	790530	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	837643	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	904854	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	5082	2.137	ng/uL	-0.01
4) Pyridine-d5	3.699	84	74438	9.987	ng/u1	0.00
7) Phenol-d5	7.001	99	126568	16.396	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.154	67	84009	16.968	ng/u1	0.00
11) 2-Chlorophenol-d4	7.360	132	97009	17.733	ng/u1	0.00
15) 4-Methylphenol-d8	8.541	113	117704	18.247	ng/u1	0.00
21) Nitrobenzene-d5	8.982	128	47400	16.451	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	55519	15.598	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	125821	18.520	ng/u1	0.00
31) 4-Chloroaniline-d4	10.756	131	122624	14.270	ng/u1	0.00
46) Dimethylphthalate-d6	13.876	166	430721	20.464	ng/u1	0.00
49) Acenaphthylene-d8	14.158	160	475473	19.809	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	50179	16.045	ng/u1	0.00
60) Fluorene-d10	15.462	176	398911	20.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	63448	14.276	ng/u1	0.00
73) Anthracene-d10	17.319	188	711083	20.704	ng/u1	0.00
81) Pyrene-d10	19.616	212	929665	22.141	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.311	264	953644	21.729	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.329	88	27562	9.816	ng/uL#	93
5) Pyridine	3.717	79	182959	24.123	ng/u1	98
6) Benzaldehyde	6.966	77	68532	15.511	ng/u1	88
8) Phenol	7.031	94	280112	33.278	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.248	93	191274	31.482	ng/u1#	89
12) 2-Chlorophenol	7.395	128	190182	32.570	ng/u1	96
13) 2-Methylphenol	8.276	108	209779	33.496	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.341	45	286308	32.168	ng/u1#	93
16) Acetophenone	8.647	105	328110	32.200	ng/u1	90
17) N-Nitroso-di-n-propyla...	8.629	70	193363	33.956	ng/u1	93
18) 4-Methylphenol	8.605	108	231011	33.630	ng/u1	98
19) Hexachloroethane	8.905	117	82894	32.871	ng/u1	89
22) Nitrobenzene	9.023	77	283939	32.124	ng/u1	99
23) Isophorone	9.546	82	523730	32.449	ng/u1	99
25) 2-Nitrophenol	9.734	139	114808	32.511	ng/u1	99
26) 2,4-Dimethylphenol	9.798	107	249019	32.713	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.027	93	287963	32.230	ng/u1	99
29) 2,4-Dichlorophenol	10.274	162	216195	32.572	ng/u1	96
30) Naphthalene	10.668	128	663778	32.365	ng/u1	98
32) 4-Chloroaniline	10.779	127	109370	13.320	ng/u1	95
33) Hexachlorobutadiene	10.950	225	185392	31.314	ng/u1	90
34) Caprolactam	11.537	113	72857m	32.568	ng/u1	
35) 4-Chloro-3-methylphenol	11.913	107	242024	35.827	ng/u1	90
36) 2-Methylnaphthalene	12.278	142	491427	33.757	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.501	142	482935	31.594	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.654	216	367921	33.768	ng/ul	98
40) Hexachlorocyclopentadiene	12.636	237	127133	27.356	ng/ul	94
41) 2,4,6-Trichlorophenol	12.900	196	190362	31.841	ng/ul	99
42) 2,4,5-Trichlorophenol	12.977	196	222118	36.000	ng/ul	92
43) 1,1'-Biphenyl	13.294	154	703381	34.183	ng/ul	97
44) 2-Chloronaphthalene	13.341	162	539632	33.375	ng/ul	96
45) 2-Nitroaniline	13.547	65	188490	36.987	ng/ul	95
47) Dimethylphthalate	13.923	163	704517	34.354	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	151878	36.505	ng/ul	90
50) Acenaphthylene	14.187	152	826253	34.243	ng/ul	98
51) 3-Nitroaniline	14.375	138	130668	34.292	ng/ul	94
52) Acenaphthene	14.534	153	607508	34.858	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	78097	36.560	ng/ul	98
55) 4-Nitrophenol	14.704	109	123730	34.043	ng/ul	94
56) Dibenzofuran	14.869	168	881332	35.247	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	230480	36.202	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.104	232	182784	31.176	ng/ul	93
59) Diethylphthalate	15.292	149	716768	34.603	ng/ul	99
61) Fluorene	15.521	166	741564	34.841	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	442881	34.871	ng/ul	94
63) 4-Nitroaniline	15.544	138	154057	39.491	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.609	198	160675	33.833	ng/ul#	95
67) N-Nitrosodiphenylamine	15.732	169	632004	33.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.408	248	298885	33.743	ng/ul	95
69) Hexachlorobenzene	16.531	284	308732	33.244	ng/ul	93
70) Atrazine	16.678	200	7009	0.773	ng/ul	92
71) Pentachlorophenol	16.878	266	120715	27.796	ng/ul	93
72) Phenanthrene	17.266	178	1373835	36.456	ng/ul	96
74) Anthracene	17.354	178	1295486	33.665	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.265	216	358235	31.144	ng/ul	96
76) Pentachlorobenzene	14.792	250	365879	32.211	ng/ul	95
77) Carbazole	17.630	167	1105770	34.633	ng/ul	99
78) Di-n-butylphthalate	18.188	149	1284690	35.099	ng/ul	99
80) Fluoranthene	19.287	202	1849430	39.836	ng/ul	99
82) Pyrene	19.651	202	1878933	37.768	ng/ul	99
83) Butylbenzylphthalate	20.544	149	580769	35.973	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.379	252	547208	30.411	ng/ul	99
85) Benzo(a)anthracene	21.461	228	1969146	36.356	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.379	149	867378	36.964	ng/ul	98
87) Chrysene	21.526	228	1828927	36.113	ng/ul	97
89) Di-n-octyl phthalate	22.519	149	1497402	37.297	ng/ul	100
90) Benzo(b)fluoranthene	23.559	252	1996148	36.743	ng/ul	100
91) Benzo(k)fluoranthene	23.617	252	1948275	35.738	ng/ul	98
93) Benzo(a)pyrene	24.375	252	1812127	35.640	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.953	276	2221072	35.219	ng/ul	99
95) Dibenzo(a,h)anthracene	27.995	278	1767272	34.277	ng/ul#	96
96) Benzo(g,h,i)perylene	29.017	276	1697824	35.506	ng/ul	99

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

