

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
 Data File : BG063322.D
 Acq On : 12 Nov 2024 12:44
 Operator : RC/JU
 Sample : PB164568BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS568

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 12:46:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 06 15:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	119377	20.000	ng/u1	0.00
20) Naphthalene-d8	10.621	136	573848	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	505195	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.225	188	1198365	20.000	ng/u1	0.00
79) Chrysene-d12	21.479	240	1230246	20.000	ng/u1	0.00
88) Perylene-d12	24.510	264	1274840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	14583	5.524	ng/uL	0.00
4) Pyridine-d5	3.705	84	228790	26.220	ng/u1	0.00
7) Phenol-d5	7.007	99	340451	31.605	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	183969	29.116	ng/u1	0.00
11) 2-Chlorophenol-d4	7.372	132	231383	33.094	ng/u1	0.00
15) 4-Methylphenol-d8	8.547	113	286424	31.371	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	121891	30.213	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	151984	29.148	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	320862	31.357	ng/u1	0.00
31) 4-Chloroaniline-d4	10.762	131	340019	25.512	ng/u1	0.00
46) Dimethylphthalate-d6	13.882	166	970049	24.513	ng/u1	0.00
49) Acenaphthylene-d8	14.164	160	1121196	28.947	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	153018	28.242	ng/u1	0.00
60) Fluorene-d10	15.468	176	909504	27.233	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	207004	27.485	ng/u1	0.00
73) Anthracene-d10	17.325	188	1486148	28.855	ng/u1	0.00
81) Pyrene-d10	19.622	212	1824378	29.577	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.311	264	1835454	29.820	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	33873	10.422	ng/uL#	86
5) Pyridine	3.723	79	238074	26.740	ng/u1	97
6) Benzaldehyde	6.972	77	27767	4.664	ng/u1	97
8) Phenol	7.037	94	377843	32.187	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.260	93	235672	29.520	ng/u1	92
12) 2-Chlorophenol	7.401	128	253275	33.865	ng/u1	99
13) 2-Methylphenol	8.282	108	267194	31.161	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.353	45	323466	32.056	ng/u1	95
16) Acetophenone	8.652	105	430552	29.288	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.641	70	242847	28.320	ng/u1	95
18) 4-Methylphenol	8.611	108	312162	32.016	ng/u1	99
19) Hexachloroethane	8.911	117	95343	31.459	ng/u1	96
22) Nitrobenzene	9.034	77	361349	29.049	ng/u1	100
23) Isophorone	9.551	82	674462	25.690	ng/u1	99
25) 2-Nitrophenol	9.739	139	155303	30.131	ng/u1	92
26) 2,4-Dimethylphenol	9.804	107	300200	26.701	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.033	93	363090	28.688	ng/u1#	92
29) 2,4-Dichlorophenol	10.274	162	312256	32.370	ng/u1	92
30) Naphthalene	10.674	128	865403	29.473	ng/u1	99
32) 4-Chloroaniline	10.785	127	185275	14.524	ng/u1	100
33) Hexachlorobutadiene	10.962	225	259560	28.113	ng/u1	96
34) Caprolactam	11.543	113	95019m	23.699	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	330092	28.517	ng/u1	95
36) 2-Methylnaphthalene	12.284	142	666132	28.624	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.507	142	644916	26.649	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.660	216	523674	29.405	ng/ul	98
40) Hexachlorocyclopentadiene	12.636	237	164522	16.918	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	307201	31.957	ng/ul	95
42) 2,4,5-Trichlorophenol	12.977	196	323020	30.987	ng/ul	91
43) 1,1'-Biphenyl	13.300	154	949139	29.640	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	738631	29.628	ng/ul	99
45) 2-Nitroaniline	13.547	65	245190	28.832	ng/ul	91
47) Dimethylphthalate	13.929	163	954243	25.149	ng/ul	99
48) 2,6-Dinitrotoluene	14.052	165	200330	27.590	ng/ul	99
50) Acenaphthylene	14.193	152	1140299	29.554	ng/ul	98
51) 3-Nitroaniline	14.381	138	189182	29.850	ng/ul	97
52) Acenaphthene	14.540	153	814625	29.500	ng/ul	97
53) 2,4-Dinitrophenol	14.593	184	112939	23.593	ng/ul#	89
55) 4-Nitrophenol	14.698	109	175463	24.917	ng/ul	98
56) Dibenzofuran	14.875	168	1211279	28.654	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	314606	27.396	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.104	232	305226	28.272	ng/ul#	96
59) Diethylphthalate	15.298	149	968353	24.892	ng/ul	99
61) Fluorene	15.521	166	1002997	28.034	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.515	204	627683	27.299	ng/ul	98
63) 4-Nitroaniline	15.544	138	206255	32.154	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.609	198	225583	28.861	ng/ul	100
67) N-Nitrosodiphenylamine	15.732	169	835991	31.271	ng/ul	97
68) 4-Bromophenyl-phenylether	16.414	248	424124	30.959	ng/ul	97
69) Hexachlorobenzene	16.531	284	445112	30.498	ng/ul	94
70) Atrazine	16.684	200	389126	26.608	ng/ul	97
71) Pentachlorophenol	16.878	266	210404	28.757	ng/ul	94
72) Phenanthrene	17.266	178	1661528	30.346	ng/ul	99
74) Anthracene	17.360	178	1657646	29.554	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.271	216	528718	34.119	ng/ul	96
76) Pentachlorobenzene	14.798	250	526911	31.885	ng/ul	97
77) Carbazole	17.630	167	1377445	29.579	ng/ul	97
78) Di-n-butylphthalate	18.188	149	1597289	30.154	ng/ul	99
80) Fluoranthene	19.287	202	2074321	31.113	ng/ul#	99
82) Pyrene	19.651	202	2164710	30.632	ng/ul#	96
83) Butylbenzylphthalate	20.544	149	692204	33.515	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.379	252	764524	28.900	ng/ul	99
85) Benzo(a)anthracene	21.461	228	2326378	29.895	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	1006320	33.451	ng/ul	100
87) Chrysene	21.526	228	2178851	30.032	ng/ul	98
89) Di-n-octyl phthalate	22.519	149	1717862	34.194	ng/ul	100
90) Benzo(b)fluoranthene	23.553	252	2303595	30.033	ng/ul	96
91) Benzo(k)fluoranthene	23.617	252	2362974	30.929	ng/ul	99
93) Benzo(a)pyrene	24.375	252	2155521	30.381	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.936	276	2635185	30.280	ng/ul	96
95) Dibenzo(a,h)anthracene	27.989	278	2150899	30.315	ng/ul#	98
96) Benzo(g,h,i)perylene	29.005	276	1995953	30.249	ng/ul	98

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

