

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111524\
 Data File : BG063472.D
 Acq On : 16 Nov 2024 22:53
 Operator : RC/JU
 Sample : PB165035BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS035

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 17 06:48:15 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	7.832	152	95695	20.000	ng/u1	0.00
20) Naphthalene-d8	10.623	136	405131	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.471	164	327980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	785152	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.481	240	834735	20.000	ng/u1	# 0.00
88) Perylene-d12	24.512	264	894166	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	17972	8.492	ng/uL	0.00
4) Pyridine-d5	3.707	84	247849	35.433	ng/u1	0.00
7) Phenol-d5	7.009	99	309891	35.888	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	183954	36.319	ng/u1	0.00
11) 2-Chlorophenol-d4	7.368	132	216975	38.713	ng/u1	0.00
15) 4-Methylphenol-d8	8.549	113	262138	35.816	ng/u1	0.00
21) Nitrobenzene-d5	8.989	128	113612	39.889	ng/u1	0.00
24) 2-Nitrophenol-d4	9.706	143	139321	37.847	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	276044	38.212	ng/u1	0.00
31) 4-Chloroaniline-d4	10.758	131	298981	31.775	ng/u1	0.00
46) Dimethylphthalate-d6	13.878	166	838950	32.656	ng/u1	0.00
49) Acenaphthylene-d8	14.160	160	960339	38.191	ng/u1	0.00
54) 4-Nitrophenol-d4	14.694	143	128685	36.584	ng/u1	0.01
60) Fluorene-d10	15.464	176	785438	36.225	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	181101	36.701	ng/u1	0.00
73) Anthracene-d10	17.321	188	1302101m	38.587	ng/u1	0.00
81) Pyrene-d10	19.624	212	1688226	40.339	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.307	264	1680255	38.920	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.337	88	34077	13.080	ng/uL#	77
5) Pyridine	3.725	79	252307	35.352	ng/u1	93
6) Benzaldehyde	6.974	77	119970	25.138	ng/u1#	86
8) Phenol	7.039	94	328219	34.879	ng/u1	89
10) Bis(2-Chloroethyl)ether	7.256	93	219310	34.268	ng/u1	90
12) 2-Chlorophenol	7.403	128	215647	35.970	ng/u1	97
13) 2-Methylphenol	8.278	108	239620	34.861	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.349	45	325052	40.185	ng/u1	94
16) Acetophenone	8.649	105	378975	32.159	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.637	70	219803	31.976	ng/u1	100
18) 4-Methylphenol	8.607	108	266513	34.098	ng/u1	99
19) Hexachloroethane	8.907	117	91540	37.679	ng/u1	87
22) Nitrobenzene	9.030	77	326179	37.141	ng/u1	93
23) Isophorone	9.547	82	597082	32.213	ng/u1	98
25) 2-Nitrophenol	9.741	139	139024	38.205	ng/u1	92
26) 2,4-Dimethylphenol	9.806	107	232950	29.348	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.029	93	323808	36.239	ng/u1	100
29) 2,4-Dichlorophenol	10.276	162	251222	36.888	ng/u1	93
30) Naphthalene	10.670	128	763914	36.851	ng/u1	100
32) 4-Chloroaniline	10.781	127	229763	25.513	ng/u1	98
33) Hexachlorobutadiene	10.958	225	214037	32.837	ng/u1	96
34) Caprolactam	11.539	113	82701m	29.217	ng/u1	
35) 4-Chloro-3-methylphenol	11.921	107	271611	33.237	ng/u1	99
36) 2-Methylnaphthalene	12.285	142	547070	33.297	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.503	142	541037	31.667	ng/ul	89
39) 1,2,4,5-Tetrachloroben...	12.656	216	408561	35.337	ng/ul	98
40) Hexachlorocyclopentadiene	12.638	237	144808	22.937	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.902	196	216744	34.730	ng/ul	98
42) 2,4,5-Trichlorophenol	12.979	196	244046	36.061	ng/ul	96
43) 1,1'-Biphenyl	13.302	154	790245	38.012	ng/ul	99
44) 2-Chloronaphthalene	13.343	162	613291	37.893	ng/ul	98
45) 2-Nitroaniline	13.549	65	209835	38.007	ng/ul	93
47) Dimethylphthalate	13.925	163	782333	31.759	ng/ul#	99
48) 2,6-Dinitrotoluene	14.048	165	169768	36.015	ng/ul	98
50) Acenaphthylene	14.189	152	955189	38.133	ng/ul	96
51) 3-Nitroaniline	14.383	138	160438	38.993	ng/ul	96
52) Acenaphthene	14.536	153	654466	36.505	ng/ul	99
53) 2,4-Dinitrophenol	14.594	184	79473	25.572	ng/ul	97
55) 4-Nitrophenol	14.706	109	137184	30.008	ng/ul	91
56) Dibenzofuran	14.871	168	963885	35.122	ng/ul	99
57) 2,4-Dinitrotoluene	14.841	165	253852	34.050	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.100	232	205631	29.339	ng/ul#	95
59) Diethylphthalate	15.294	149	789065	31.243	ng/ul	99
61) Fluorene	15.523	166	822677	35.419	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.517	204	484974	32.489	ng/ul	93
63) 4-Nitroaniline	15.546	138	177929	42.726	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.611	198	180184	35.185	ng/ul	99
67) N-Nitrosodiphenylamine	15.728	169	691378	39.472	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	337412	37.591	ng/ul	97
69) Hexachlorobenzene	16.533	284	343244	35.896	ng/ul	95
70) Atrazine	16.680	200	140229	14.635	ng/ul	98
71) Pentachlorophenol	16.880	266	125469	26.173	ng/ul	95
72) Phenanthrene	17.262	178	1417143	39.504	ng/ul	98
74) Anthracene	17.356	178	1433207	39.000	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.267	216	398649	39.264	ng/ul	95
76) Pentachlorobenzene	14.794	250	411159	37.975	ng/ul	98
77) Carbazole	17.632	167	1232585	40.398	ng/ul	98
78) Di-n-butylphthalate	18.190	149	1427901	41.143	ng/ul	98
80) Fluoranthene	19.283	202	1830373	40.462	ng/ul#	96
82) Pyrene	19.647	202	1921187	40.067	ng/ul#	93
83) Butylbenzylphthalate	20.546	149	632907	45.164	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.381	252	697049	38.835	ng/ul	100
85) Benzo(a)anthracene	21.457	228	2034393	38.530	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	911763	44.668	ng/ul	99
87) Chrysene	21.522	228	1886266	38.317	ng/ul	99
89) Di-n-octyl phthalate	22.520	149	1589240	45.102	ng/ul	100
90) Benzo(b)fluoranthene	23.555	252	2063533m	38.356	ng/ul	
91) Benzo(k)fluoranthene	23.619	252	2069742	38.624	ng/ul#	99
93) Benzo(a)pyrene	24.371	252	1862019	37.417	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.932	276	2320234	38.011	ng/ul#	94
95) Dibenzo(a,h)anthracene	27.985	278	1919851	38.578	ng/ul#	98
96) Benzo(g,h,i)perylene	29.001	276	1784997	38.569	ng/ul#	98

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

