

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
 Data File : BG063257.D
 Acq On : 9 Nov 2024 9:49
 Operator : RC/JU
 Sample : P4669-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BHK69MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 00:04:36 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	7.835	152	126311	20.000	ng/u1	0.00
20) Naphthalene-d8	10.626	136	578167	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.475	164	509616	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	1161852	20.000	ng/u1	0.00
79) Chrysene-d12	21.478	240	1124209	20.000	ng/u1	# 0.00
88) Perylene-d12	24.516	264	1180263	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	10646	3.811	ng/uL	0.00
4) Pyridine-d5	3.705	84	153688	16.646	ng/u1	0.00
7) Phenol-d5	7.013	99	309909	27.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	171887	25.711	ng/u1	0.00
11) 2-Chlorophenol-d4	7.371	132	204431	27.634	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	262169	27.138	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	115859	28.504	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	146103	27.811	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	314834	30.538	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	334349	24.899	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	975226	24.431	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	1118625	28.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	136045	24.892	ng/u1	0.01
60) Fluorene-d10	15.468	176	929050	27.577	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	154721	21.189	ng/u1	0.00
73) Anthracene-d10	17.324	188	1453491	29.108	ng/u1	0.00
81) Pyrene-d10	19.622	212	1766384	31.338	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.310	264	1733814	30.426	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	31476	9.153	ng/uL#	82
5) Pyridine	3.723	79	254221	26.987	ng/u1	99
6) Benzaldehyde	6.978	77	33275	5.282	ng/u1#	85
8) Phenol	7.036	94	406675	32.742	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.260	93	257216	30.449	ng/u1	88
12) 2-Chlorophenol	7.401	128	264333	33.403	ng/u1	96
13) 2-Methylphenol	8.282	108	296708	32.703	ng/u1	88
14) 2,2'-oxybis(1-Chloropr...	8.352	45	347493	32.546	ng/u1	96
16) Acetophenone	8.652	105	471807	30.332	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.640	70	268685	29.613	ng/u1	99
18) 4-Methylphenol	8.611	108	322216	31.233	ng/u1	93
19) Hexachloroethane	8.911	117	109593	34.176	ng/u1	94
22) Nitrobenzene	9.034	77	416111	33.201	ng/u1	94
23) Isophorone	9.551	82	754162	28.511	ng/u1	98
25) 2-Nitrophenol	9.745	139	183102	35.259	ng/u1	94
26) 2,4-Dimethylphenol	9.804	107	294673	26.014	ng/u1#	89
27) Bis(2-Chloroethoxy)met...	10.039	93	405057	31.765	ng/u1	96
29) 2,4-Dichlorophenol	10.280	162	344577	35.453	ng/u1	95
30) Naphthalene	10.673	128	1007679	34.062	ng/u1	99
32) 4-Chloroaniline	10.785	127	233192	18.144	ng/u1	99
33) Hexachlorobutadiene	10.961	225	311285	33.464	ng/u1	95
34) Caprolactam	11.549	113	109989m	27.228	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	368045	31.559	ng/u1	92
36) 2-Methylnaphthalene	12.289	142	768494	32.776	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	751556	30.824	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.659	216	625866	34.838	ng/ul	99
40) Hexachlorocyclopentadiene	12.641	237	159240	16.233	ng/ul	95
41) 2,4,6-Trichlorophenol	12.906	196	346212	35.703	ng/ul	92
42) 2,4,5-Trichlorophenol	12.982	196	380950	36.228	ng/ul	91
43) 1,1'-Biphenyl	13.305	154	1091805	33.799	ng/ul	98
44) 2-Chloronaphthalene	13.347	162	855111	34.003	ng/ul	98
45) 2-Nitroaniline	13.552	65	280488	32.696	ng/ul	95
47) Dimethylphthalate	13.928	163	1085733	28.366	ng/ul	98
48) 2,6-Dinitrotoluene	14.052	165	230846	31.517	ng/ul	97
50) Acenaphthylene	14.193	152	1307046	33.582	ng/ul	98
51) 3-Nitroaniline	14.381	138	203810	31.879	ng/ul	93
52) Acenaphthene	14.539	153	932894	33.489	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	106709	22.098	ng/ul	96
55) 4-Nitrophenol	14.704	109	195544	27.528	ng/ul	97
56) Dibenzofuran	14.874	168	1382583	32.423	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	342490	29.565	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.109	232	352643	32.381	ng/ul#	98
59) Diethylphthalate	15.297	149	1082012	27.573	ng/ul	100
61) Fluorene	15.526	166	1153980	31.975	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.520	204	714895	30.822	ng/ul	97
63) 4-Nitroaniline	15.550	138	230893	35.683	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.614	198	209212	27.608	ng/ul	100
67) N-Nitrosodiphenylamine	15.738	169	942418	36.360	ng/ul	97
68) 4-Bromophenyl-phenylether	16.414	248	480958	36.210	ng/ul	96
69) Hexachlorobenzene	16.537	284	505062	35.694	ng/ul	99
70) Atrazine	16.690	200	452951	31.945	ng/ul	96
71) Pentachlorophenol	16.884	266	247731	34.922	ng/ul	94
72) Phenanthrene	17.265	178	1841372	34.688	ng/ul	99
74) Anthracene	17.359	178	1812280	33.326	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.270	216	626136	41.675	ng/ul	97
76) Pentachlorobenzene	14.798	250	622265	38.839	ng/ul	97
77) Carbazole	17.630	167	1523966	33.754	ng/ul	99
78) Di-n-butylphthalate	18.194	149	1716691	33.427	ng/ul	100
80) Fluoranthene	19.287	202	2231237	36.623	ng/ul	98
82) Pyrene	19.651	202	2322850	35.970	ng/ul#	96
83) Butylbenzylphthalate	20.550	149	760135	40.276	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.378	252	690312	28.556	ng/ul	99
85) Benzo(a)anthracene	21.461	228	2502898	35.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	1071236	38.968	ng/ul	99
87) Chrysene	21.525	228	2302106	34.723	ng/ul	100
89) Di-n-octyl phthalate	22.518	149	1844159	39.650	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2504934m	35.275	ng/ul	
91) Benzo(k)fluoranthene	23.623	252	2451135	34.654	ng/ul	98
93) Benzo(a)pyrene	24.375	252	2297349	34.975	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.941	276	2817477	34.968	ng/ul	95
95) Dibenzo(a,h)anthracene	27.994	278	2293304	34.912	ng/ul	99
96) Benzo(g,h,i)perylene	29.016	276	2169862	35.520	ng/ul	99

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

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