

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071124\
 Data File : BG062016.D
 Acq On : 11 Jul 2024 19:06
 Operator : MA/JU
 Sample : P3125-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4CZ2MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/15/2024

Quant Time: Jul 12 00:48:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 11 12:11:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	47470	20.000	ng/u1	0.00
20) Naphthalene-d8	10.850	136	223094	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.669	164	159273	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.419	188	368069	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.679	240	319230	20.000	ng/u1	0.00
88) Perylene-d12	24.893	264	371403	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	5962m	4.720	ng/uL	0.00
4) Pyridine-d5	3.858	84	41976	10.807	ng/u1	0.00
7) Phenol-d5	7.202	99	166517	32.054	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	100200	30.458	ng/u1	0.00
11) 2-Chlorophenol-d4	7.572	132	119247	33.464	ng/u1	0.00
15) 4-Methylphenol-d8	8.753	113	130072	31.800	ng/u1	0.00
21) Nitrobenzene-d5	9.211	128	62006	36.545	ng/u1	0.00
24) 2-Nitrophenol-d4	9.928	143	74532	38.466	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.474	165	146089	39.090	ng/u1	0.00
31) 4-Chloroaniline-d4	10.985	131	110494m	20.364	ng/u1	0.00
46) Dimethylphthalate-d6	14.076	166	473976	36.197	ng/u1	0.00
49) Acenaphthylene-d8	14.370	160	499946	36.513	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	72204	34.529	ng/u1	0.00
60) Fluorene-d10	15.662	176	413989	37.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	83956	43.432	ng/u1	0.00
73) Anthracene-d10	17.513	188	623440	36.279	ng/u1	0.00
81) Pyrene-d10	19.799	212	463096	24.663	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.663	264	308030	16.723	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.476	88	17585m	12.612	ng/uL	
5) Pyridine	3.882	79	70372	17.666	ng/u1	94
6) Benzaldehyde	7.178	77	69232	25.180	ng/u1	92
8) Phenol	7.225	94	208234	39.151	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.460	93	139202	34.069	ng/u1	93
12) 2-Chlorophenol	7.601	128	140288	38.642	ng/u1	92
13) 2-Methylphenol	8.482	108	146290	38.536	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.565	45	301530	33.779	ng/u1#	96
16) Acetophenone	8.864	105	253668	37.545	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.847	70	132193	34.948	ng/u1	89
18) 4-Methylphenol	8.811	108	158963	37.392	ng/u1	92
19) Hexachloroethane	9.123	117	32956	20.926	ng/u1#	70
22) Nitrobenzene	9.252	77	194467	40.377	ng/u1	99
23) Isophorone	9.769	82	389692	35.815	ng/u1#	95
25) 2-Nitrophenol	9.963	139	83955	42.488	ng/u1#	91
26) 2,4-Dimethylphenol	10.016	107	143140	30.268	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	202309	33.763	ng/u1#	94
29) 2,4-Dichlorophenol	10.498	162	146838	41.827	ng/u1	96
30) Naphthalene	10.903	128	490830	40.053	ng/u1#	95
32) 4-Chloroaniline	11.009	127	117578	22.084	ng/u1	96
33) Hexachlorobutadiene	11.173	225	120209	45.503	ng/u1	93
34) Caprolactam	11.784	113	49180m	35.756	ng/u1	
35) 4-Chloro-3-methylphenol	12.131	107	202252	43.257	ng/u1	92
36) 2-Methylnaphthalene	12.501	142	362334	40.812	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.724	142	382049	41.409	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.865	216	192022	40.147	ng/ul	99
40) Hexachlorocyclopentadiene	12.842	237	77615	24.377	ng/ul	91
41) 2,4,6-Trichlorophenol	13.106	196	135234	42.568	ng/ul	95
42) 2,4,5-Trichlorophenol	13.183	196	152963	43.831	ng/ul	90
43) 1,1'-Biphenyl	13.506	154	504198	41.086	ng/ul	98
44) 2-Chloronaphthalene	13.553	162	379498	41.204	ng/ul	95
45) 2-Nitroaniline	13.759	65	174517	47.317	ng/ul	98
47) Dimethylphthalate	14.123	163	509401	40.445	ng/ul	99
48) 2,6-Dinitrotoluene	14.246	165	108935	45.592	ng/ul	99
50) Acenaphthylene	14.399	152	606202	40.339	ng/ul	98
51) 3-Nitroaniline	14.581	138	92267	39.671	ng/ul	99
52) Acenaphthene	14.740	153	415381	40.030	ng/ul	93
53) 2,4-Dinitrophenol	14.787	184	59280	47.489	ng/ul	94
55) 4-Nitrophenol	14.892	109	127328	53.350	ng/ul	91
56) Dibenzofuran	15.069	168	612013	41.731	ng/ul	92
57) 2,4-Dinitrotoluene	15.039	165	165935	47.356	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.292	232	137165	43.527	ng/ul#	96
59) Diethylphthalate	15.480	149	542989	40.007	ng/ul	97
61) Fluorene	15.721	166	515678	41.346	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.709	204	256831	40.996	ng/ul	89
63) 4-Nitroaniline	15.739	138	100506	42.588	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.797	198	99408	47.784	ng/ul#	93
67) N-Nitrosodiphenylamine	15.921	169	432671	43.045	ng/ul	99
68) 4-Bromophenyl-phenylether	16.602	248	187696	44.950	ng/ul	93
69) Hexachlorobenzene	16.714	284	120654	25.128	ng/ul	92
70) Atrazine	16.867	200	110668	27.890	ng/ul	99
71) Pentachlorophenol	17.061	266	108537	41.124	ng/ul	95
72) Phenanthrene	17.460	178	952292	49.068	ng/ul	100
74) Anthracene	17.548	178	820420	40.905	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.471	216	187189	40.948	ng/ul	94
76) Pentachlorobenzene	14.986	250	172331	33.052	ng/ul	96
77) Carbazole	17.818	167	543531	32.201	ng/ul	96
78) Di-n-butylphthalate	18.371	149	944450	43.581	ng/ul	99
80) Fluoranthene	19.464	202	1227028	55.219	ng/ul#	94
82) Pyrene	19.828	202	730422m	31.821	ng/ul	
83) Butylbenzylphthalate	20.703	149	404235	41.962	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.573	252	57112	7.520	ng/ul	91
85) Benzo(a)anthracene	21.655	228	1155477	49.992	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.555	149	598202	43.274	ng/ul#	98
87) Chrysene	21.726	228	1092695	50.500	ng/ul	98
89) Di-n-octyl phthalate	22.766	149	1015332	44.747	ng/ul	100
90) Benzo(b)fluoranthene	23.870	252	1251846	53.498	ng/ul	99
91) Benzo(k)fluoranthene	23.935	252	1101667m	47.213	ng/ul	
93) Benzo(a)pyrene	24.734	252	338814	15.291	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.547	276	810582m	28.626	ng/ul	
95) Dibenzo(a,h)anthracene	28.606	278	1086697	46.467	ng/ul	98
96) Benzo(g,h,i)perylene	29.675	276	78446m	3.482	ng/ul	

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

