

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070524\
 Data File : BG061916.D
 Acq On : 6 Jul 2024 4:38
 Operator : MA/JU
 Sample : PB161678BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS678

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 06 05:43:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 02:38:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	39570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.908	136	205012	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.721	164	156019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.459	188	352305	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.719	240	309355	20.000	ng/u1	0.00
88) Perylene-d12	24.962	264	369559	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	4887	4.641	ng/uL	0.00
4) Pyridine-d5	3.899	84	76855	23.737	ng/u1	0.00
7) Phenol-d5	7.248	99	125053	28.878	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.418	67	71456	26.057	ng/u1	0.00
11) 2-Chlorophenol-d4	7.624	132	86616	29.159	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	98909	29.009	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	48512	31.114	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	58458	32.831	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.526	165	116793	34.007	ng/u1	0.00
31) 4-Chloroaniline-d4	11.043	131	137380	27.552	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	377173	29.405	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	405930	30.265	ng/u1	0.00
54) 4-Nitrophenol-d4	14.909	143	63793	31.143	ng/u1	0.00
60) Fluorene-d10	15.708	176	329891	30.551	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	65368	35.329	ng/u1	0.00
73) Anthracene-d10	17.559	188	500141	30.406	ng/u1	0.00
81) Pyrene-d10	19.839	212	573512	31.519	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	607076	33.122	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	12344	10.621	ng/uL#	93
5) Pyridine	3.922	79	79889	24.059	ng/u1	97
6) Benzaldehyde	7.230	77	70643	30.823	ng/u1	91
8) Phenol	7.277	94	129377	29.181	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.512	93	90882	26.684	ng/u1	98
12) 2-Chlorophenol	7.659	128	91070	30.093	ng/u1	95
13) 2-Methylphenol	8.534	108	91110	28.792	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.611	45	180735	24.289	ng/u1#	98
16) Acetophenone	8.922	105	160158	28.437	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.899	70	83367	26.440	ng/u1#	93
18) 4-Methylphenol	8.863	108	98602	27.824	ng/u1	99
19) Hexachloroethane	9.181	117	39584	30.152	ng/u1#	82
22) Nitrobenzene	9.304	77	130670	29.524	ng/u1#	92
23) Isophorone	9.821	82	256965	25.699	ng/u1	99
25) 2-Nitrophenol	10.015	139	55152	30.373	ng/u1	94
26) 2,4-Dimethylphenol	10.068	107	92416	21.266	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.309	93	142753	25.925	ng/u1	96
29) 2,4-Dichlorophenol	10.550	162	101041	31.320	ng/u1	95
30) Naphthalene	10.961	128	332977	29.568	ng/u1	96
32) 4-Chloroaniline	11.067	127	122799	25.099	ng/u1	96
33) Hexachlorobutadiene	11.231	225	73922	30.450	ng/u1#	83
34) Caprolactam	11.825	113	38520m	30.476	ng/u1	
35) 4-Chloro-3-methylphenol	12.177	107	136596	31.791	ng/u1	99
36) 2-Methylnaphthalene	12.553	142	247107	30.288	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.771	142	247630	29.207	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.917	216	143265	30.578	ng/ul	97
40) Hexachlorocyclopentadiene	12.888	237	54118	17.351	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.158	196	94551	30.383	ng/ul	97
42) 2,4,5-Trichlorophenol	13.229	196	103226	30.196	ng/ul	98
43) 1,1'-Biphenyl	13.558	154	349465	29.071	ng/ul	98
44) 2-Chloronaphthalene	13.599	162	261070	28.937	ng/ul	95
45) 2-Nitroaniline	13.805	65	114633	31.729	ng/ul	98
47) Dimethylphthalate	14.169	163	345644	28.016	ng/ul	100
48) 2,6-Dinitrotoluene	14.292	165	75750	32.365	ng/ul	100
50) Acenaphthylene	14.445	152	422170	28.679	ng/ul	99
51) 3-Nitroaniline	14.621	138	74789	32.827	ng/ul	92
52) Acenaphthene	14.786	153	295928	29.113	ng/ul	95
53) 2,4-Dinitrophenol	14.827	184	40023	32.731	ng/ul	84
55) 4-Nitrophenol	14.927	109	81462	34.844	ng/ul	93
56) Dibenzofuran	15.115	168	424846	29.573	ng/ul	98
57) 2,4-Dinitrotoluene	15.080	165	113547	33.081	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.338	232	87789	28.439	ng/ul	93
59) Diethylphthalate	15.526	149	377220	28.373	ng/ul	96
61) Fluorene	15.761	166	357610	29.271	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.749	204	183583	29.915	ng/ul	91
63) 4-Nitroaniline	15.785	138	76678m	33.169	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.838	198	67926	34.112	ng/ul#	94
67) N-Nitrosodiphenylamine	15.967	169	298190	30.993	ng/ul	99
68) 4-Bromophenyl-phenylether	16.642	248	126901	31.750	ng/ul	91
69) Hexachlorobenzene	16.760	284	150782	32.808	ng/ul	98
70) Atrazine	16.907	200	58307	15.352	ng/ul	97
71) Pentachlorophenol	17.101	266	73075	28.927	ng/ul	96
72) Phenanthrene	17.500	178	559319	30.109	ng/ul	99
74) Anthracene	17.594	178	557105	29.019	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.523	216	141717	32.388	ng/ul	96
76) Pentachlorobenzene	15.033	250	169105	33.884	ng/ul	96
77) Carbazole	17.859	167	495057	30.642	ng/ul	98
78) Di-n-butylphthalate	18.411	149	617721	29.780	ng/ul	99
80) Fluoranthene	19.504	202	645923	29.996	ng/ul#	94
82) Pyrene	19.868	202	680736	30.603	ng/ul#	95
83) Butylbenzylphthalate	20.744	149	272059	29.143	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.613	252	248437	33.757	ng/ul#	99
85) Benzo(a)anthracene	21.701	228	699131	31.213	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	389881	29.105	ng/ul	98
87) Chrysene	21.766	228	651271	31.060	ng/ul	99
89) Di-n-octyl phthalate	22.818	149	689627	30.545	ng/ul	100
90) Benzo(b)fluoranthene	23.928	252	738875	31.734	ng/ul#	98
91) Benzo(k)fluoranthene	23.999	252	715606	30.821	ng/ul#	93
93) Benzo(a)pyrene	24.809	252	635441	28.821	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.652	276	923473	32.776	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.728	278	762892m	32.784	ng/ul	
96) Benzo(g,h,i)perylene	29.821	276	710993	31.719	ng/ul#	96

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

