

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052924\
 Data File : BG061343.D
 Acq On : 30 May 2024 00:54
 Operator : MA/JU
 Sample : PB161137BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS137

Quant Time: May 30 01:33:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 06/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	26063	20.000	ng/u1	0.00
20) Naphthalene-d8	10.674	136	116874	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.516	164	89586	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.266	188	196476	20.000	ng/u1	0.00
79) Chrysene-d12	21.520	240	207175	20.000	ng/u1	0.00
88) Perylene-d12	24.599	264	231442	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.347	96	3301	7.088	ng/uL	0.00
4) Pyridine-d5	3.747	84	51879	31.312	ng/u1	0.00
7) Phenol-d5	7.066	99	75263	35.165	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	45217	33.612	ng/u1	0.00
11) 2-Chlorophenol-d4	7.419	132	58436	36.891	ng/u1	0.00
15) 4-Methylphenol-d8	8.600	113	61545	33.723	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	30993	34.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	34963	33.199	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	71530	34.840	ng/u1	0.00
31) 4-Chloroaniline-d4	10.815	131	85446	31.811	ng/u1	0.00
46) Dimethylphthalate-d6	13.923	166	219455	31.585	ng/u1	0.00
49) Acenaphthylene-d8	14.211	160	249338	34.518	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	26460	30.803	ng/u1	0.00
60) Fluorene-d10	15.509	176	193745	32.298	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	35814	30.138	ng/u1	0.00
73) Anthracene-d10	17.366	188	301847	34.847	ng/u1	0.00
81) Pyrene-d10	19.657	212	359912	33.834	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.393	264	396753	35.658	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	6691m	11.970	ng/uL	
5) Pyridine	3.764	79	50623	30.891	ng/u1	95
6) Benzaldehyde	7.019	77	42572	38.040	ng/u1	93
8) Phenol	7.090	94	75975	34.839	ng/u1	87
10) Bis(2-Chloroethyl)ether	7.307	93	51542	32.312	ng/u1	95
12) 2-Chlorophenol	7.454	128	57667	34.449	ng/u1	98
13) 2-Methylphenol	8.335	108	54106	32.014	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.406	45	130054	30.190	ng/u1#	96
16) Acetophenone	8.700	105	97495	31.302	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.688	70	49309	28.793	ng/u1#	94
18) 4-Methylphenol	8.664	108	60958	32.554	ng/u1	96
19) Hexachloroethane	8.958	117	24439	32.812	ng/u1	97
22) Nitrobenzene	9.081	77	76634	31.050	ng/u1	96
23) Isophorone	9.604	82	138998	27.686	ng/u1	98
25) 2-Nitrophenol	9.792	139	36604	32.022	ng/u1	99
26) 2,4-Dimethylphenol	9.857	107	59478	26.260	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.086	93	78746	31.290	ng/u1	97
29) 2,4-Dichlorophenol	10.333	162	63695	33.683	ng/u1	98
30) Naphthalene	10.727	128	198515	32.180	ng/u1	100
32) 4-Chloroaniline	10.838	127	71887	26.931	ng/u1	95
33) Hexachlorobutadiene	11.009	225	60428	32.693	ng/u1	96
34) Caprolactam	11.596	113	19875m	27.472	ng/u1	
35) 4-Chloro-3-methylphenol	11.978	107	71856	29.395	ng/u1	97
36) 2-Methylnaphthalene	12.336	142	137640	30.767	ng/u1	97

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37) 1-Methylnaphthalene	12.554	142	141652	30.854	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.707	216	108341	36.630	ng/ul	98
40) Hexachlorocyclopentadiene	12.683	237	16495	12.356	ng/ul#	79
41) 2,4,6-Trichlorophenol	12.953	196	60070	36.057	ng/ul	98
42) 2,4,5-Trichlorophenol	13.036	196	66772m	38.059	ng/ul	
43) 1,1'-Biphenyl	13.347	154	198580	34.280	ng/ul	96
44) 2-Chloronaphthalene	13.388	162	159939	35.084	ng/ul	97
45) 2-Nitroaniline	13.594	65	58119	30.890	ng/ul	98
47) Dimethylphthalate	13.970	163	214129	29.568	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	43205	30.423	ng/ul#	95
50) Acenaphthylene	14.240	152	257279	32.119	ng/ul	100
51) 3-Nitroaniline	14.422	138	40178	32.600	ng/ul	98
52) Acenaphthene	14.581	153	169829	32.321	ng/ul	99
53) 2,4-Dinitrophenol	14.646	184	15371	20.411	ng/ul	87
55) 4-Nitrophenol	14.757	109	28571	28.289	ng/ul	92
56) Dibenzofuran	14.916	168	238796	31.785	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	63191	29.246	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	51641	32.273	ng/ul	96
59) Diethylphthalate	15.339	149	204813	28.640	ng/ul	98
61) Fluorene	15.568	166	199503	30.691	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.556	204	117522	30.827	ng/ul	95
63) 4-Nitroaniline	15.591	138	42498	33.107	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.662	198	36449	29.268	ng/ul	91
67) N-Nitrosodiphenylamine	15.774	169	177678	35.980	ng/ul	98
68) 4-Bromophenyl-phenylether	16.455	248	79730	34.248	ng/ul	99
69) Hexachlorobenzene	16.573	284	89217	34.479	ng/ul	95
70) Atrazine	16.725	200	64932	33.225	ng/ul	98
71) Pentachlorophenol	16.931	266	24900	27.648	ng/ul	93
72) Phenanthrene	17.307	178	317312	33.275	ng/ul	99
74) Anthracene	17.401	178	317442	32.195	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.318	216	106175	40.882	ng/uL	94
76) Pentachlorobenzene	14.839	250	109950	38.291	ng/uL	93
77) Carbazole	17.671	167	270956	33.786	ng/ul	99
78) Di-n-butylphthalate	18.230	149	328396	32.680	ng/ul	99
80) Fluoranthene	19.322	202	410682	32.182	ng/ul	99
82) Pyrene	19.687	202	431645	32.587	ng/ul	99
83) Butylbenzylphthalate	20.574	149	149763	32.912	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.414	252	159767	36.331	ng/ul	99
85) Benzo(a)anthracene	21.496	228	475242	33.245	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	220356	32.715	ng/ul	99
87) Chrysene	21.561	228	441435	33.537	ng/ul	99
89) Di-n-octyl phthalate	22.572	149	388463	33.549	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	468670	34.011	ng/ul	100
91) Benzo(k)fluoranthene	23.688	252	454746	32.507	ng/ul	98
93) Benzo(a)pyrene	24.458	252	394159	30.123	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.106	276	526409m	33.267	ng/ul	
95) Dibenzo(a,h)anthracene	28.147	278	429669	32.931	ng/ul	95
96) Benzo(g,h,i)perylene	29.187	276	379614m	30.156	ng/ul	

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

