

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061291.D
 Acq On : 24 May 2024 17:14
 Operator : MA/JU
 Sample : PB161058BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS058

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:39:02 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	20712	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	90001	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.522	164	75984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	184545	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.519	240	184347	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	209049	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2316m	6.258	ng/uL	0.00
4) Pyridine-d5	3.746	84	37203	28.255	ng/u1	0.00
7) Phenol-d5	7.066	99	55165	32.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	33639	31.465	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	42603	33.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	46074	31.768	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	23253	33.557	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	26079	32.157	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	53485	33.829	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	62678	30.302	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	182419	30.954	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	199006	32.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	21979	30.167	ng/u1	0.00
60) Fluorene-d10	15.515	176	161022	31.648	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	33400	29.924	ng/u1	0.00
73) Anthracene-d10	17.365	188	266391	32.742	ng/u1	0.00
81) Pyrene-d10	19.657	212	309049	32.650	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.398	264	335007	33.333	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.370	88	4840	10.896	ng/uL#	81
5) Pyridine	3.764	79	36534	28.054	ng/u1	95
6) Benzaldehyde	7.025	77	33436	37.595	ng/u1	98
8) Phenol	7.089	94	55181	31.841	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.307	93	38066	30.029	ng/u1	91
12) 2-Chlorophenol	7.453	128	42476	31.929	ng/u1	95
13) 2-Methylphenol	8.335	108	40457	30.123	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.411	45	99015	28.923	ng/u1	98
16) Acetophenone	8.705	105	73438	29.670	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.687	70	36509	26.826	ng/u1	96
18) 4-Methylphenol	8.664	108	45017	30.252	ng/u1	94
19) Hexachloroethane	8.963	117	17820	30.106	ng/u1	91
22) Nitrobenzene	9.081	77	55549	29.227	ng/u1	98
23) Isophorone	9.604	82	109819	28.405	ng/u1	98
25) 2-Nitrophenol	9.798	139	27816	31.600	ng/u1	94
26) 2,4-Dimethylphenol	9.862	107	49677	28.482	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.092	93	57311	29.573	ng/u1#	93
29) 2,4-Dichlorophenol	10.338	162	47838	32.851	ng/u1	97
30) Naphthalene	10.732	128	148723	31.307	ng/u1	100
32) 4-Chloroaniline	10.838	127	55048	26.781	ng/u1	100
33) Hexachlorobutadiene	11.014	225	44645	31.366	ng/u1	93
34) Caprolactam	11.596	113	16833m	30.214	ng/u1	
35) 4-Chloro-3-methylphenol	11.983	107	57765	30.686	ng/u1	94
36) 2-Methylnaphthalene	12.342	142	106524	30.922	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052424\
 Data File : BG061291.D
 Acq On : 24 May 2024 17:14
 Operator : MA/JU
 Sample : PB161058BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS058

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 25 00:39:02 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.559	142	106288	30.064	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.712	216	82898	33.045	ng/ul	98
40) Hexachlorocyclopentadiene	12.688	237	20507	18.110	ng/ul	89
41) 2,4,6-Trichlorophenol	12.959	196	46575	32.961	ng/ul	93
42) 2,4,5-Trichlorophenol	13.035	196	49867	33.512	ng/ul	98
43) 1,1'-Biphenyl	13.352	154	155870	31.724	ng/ul	96
44) 2-Chloronaphthalene	13.394	162	122301	31.630	ng/ul	99
45) 2-Nitroaniline	13.599	65	48139	30.165	ng/ul	97
47) Dimethylphthalate	13.975	163	176470	28.730	ng/ul	98
48) 2,6-Dinitrotoluene	14.099	165	36437	30.250	ng/ul	96
50) Acenaphthylene	14.245	152	204432	30.090	ng/ul	99
51) 3-Nitroaniline	14.428	138	33352	31.906	ng/ul	98
52) Acenaphthene	14.586	153	137257	30.798	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	14901	23.329	ng/ul	98
55) 4-Nitrophenol	14.762	109	25040	29.231	ng/ul	94
56) Dibenzofuran	14.921	168	200770	31.507	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	56570	30.869	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.156	232	42654	31.428	ng/ul	98
59) Diethylphthalate	15.338	149	176530	29.104	ng/ul	97
61) Fluorene	15.573	166	170261	30.881	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.562	204	97339	30.103	ng/ul	94
63) 4-Nitroaniline	15.591	138	35513	32.618	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.661	198	33996	29.063	ng/ul#	100
67) N-Nitrosodiphenylamine	15.779	169	151979	32.766	ng/ul	99
68) 4-Bromophenyl-phenylether	16.455	248	68334	31.251	ng/ul	100
69) Hexachlorobenzene	16.578	284	76787	31.593	ng/ul	99
70) Atrazine	16.731	200	56713	30.896	ng/ul	97
71) Pentachlorophenol	16.936	266	23206m	27.433	ng/ul	
72) Phenanthrene	17.312	178	282081	31.493	ng/ul	99
74) Anthracene	17.401	178	282897	30.547	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.317	216	81509	33.414	ng/uL	98
76) Pentachlorobenzene	14.845	250	90003	33.371	ng/uL	93
77) Carbazole	17.671	167	235579	31.274	ng/ul	98
78) Di-n-butylphthalate	18.235	149	289640	30.687	ng/ul	99
80) Fluoranthene	19.328	202	351470	30.953	ng/ul	99
82) Pyrene	19.686	202	366292	31.077	ng/ul	99
83) Butylbenzylphthalate	20.579	149	130132	32.139	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.419	252	133365	34.083	ng/ul	100
85) Benzo(a)anthracene	21.502	228	397150	31.222	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	189221	31.571	ng/ul	99
87) Chrysene	21.566	228	374015	31.933	ng/ul	97
89) Di-n-octyl phthalate	22.577	149	329344	31.490	ng/ul	100
90) Benzo(b)fluoranthene	23.634	252	399494	32.096	ng/ul	98
91) Benzo(k)fluoranthene	23.693	252	389093	30.794	ng/ul	98
93) Benzo(a)pyrene	24.463	252	332740	28.153	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.106	276	466035	32.606	ng/ul	99
95) Dibenzo(a,h)anthracene	28.164	278	379760	32.224	ng/ul	96
96) Benzo(g,h,i)perylene	29.193	276	353825	31.118	ng/ul	100

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

