

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070823\
 Data File : BG058115.D
 Acq On : 9 Jul 2023 7:05
 Operator : CG/JU
 Sample : PB153885BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS885

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 10 00:46:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:01:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	42831	20.000	ng/u1	0.00
20) Naphthalene-d8	10.720	136	201497	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.556	164	152361	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.300	188	376129	20.000	ng/u1	0.00
79) Chrysene-d12	21.554	240	326287	20.000	ng/u1	0.00
88) Perylene-d12	24.703	264	405877	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7622	6.231	ng/uL	0.00
4) Pyridine-d5	3.763	84	119417	32.158	ng/u1	0.00
7) Phenol-d5	7.083	99	153298	35.047	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	88504	33.575	ng/u1	0.00
11) 2-Chlorophenol-d4	7.447	132	104405	34.608	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	114400	34.661	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	55750	33.947	ng/u1	0.00
24) 2-Nitrophenol-d4	9.797	143	60776	35.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	115490	34.880	ng/u1	0.00
31) 4-Chloroaniline-d4	10.855	131	153234	30.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	364730	30.340	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	409579	31.222	ng/u1	0.00
54) 4-Nitrophenol-d4	14.756	143	63334	29.820	ng/u1	0.00
60) Fluorene-d10	15.544	176	320811	31.423	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	64259	31.463	ng/u1	0.00
73) Anthracene-d10	17.400	188	516009	29.565	ng/u1	0.00
81) Pyrene-d10	19.686	212	618537	30.100	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.492	264	652420	31.551	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	16836	11.142	ng/uL	100
5) Pyridine	3.781	79	117887	30.984	ng/u1	98
6) Benzaldehyde	7.053	77	76084	52.085	ng/u1	94
8) Phenol	7.106	94	153448	34.570	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.335	93	114445	33.392	ng/u1	98
12) 2-Chlorophenol	7.482	128	104775	33.375	ng/u1	95
13) 2-Methylphenol	8.358	108	117546	33.719	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.440	45	180007	34.120	ng/u1	98
16) Acetophenone	8.740	105	184094	33.619	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.722	70	97161	33.191	ng/u1	98
18) 4-Methylphenol	8.687	108	130452	34.608	ng/u1	96
19) Hexachloroethane	8.998	117	40914	33.996	ng/u1	99
22) Nitrobenzene	9.122	77	141143	33.106	ng/u1	98
23) Isophorone	9.639	82	290214	31.902	ng/u1	98
25) 2-Nitrophenol	9.833	139	64222	34.675	ng/u1	94
26) 2,4-Dimethylphenol	9.891	107	124622	29.923	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.126	93	163443	31.883	ng/u1	99
29) 2,4-Dichlorophenol	10.367	162	108447	33.686	ng/u1	96
30) Naphthalene	10.773	128	365190	32.250	ng/u1	100
32) 4-Chloroaniline	10.878	127	128967	25.125	ng/u1	99
33) Hexachlorobutadiene	11.055	225	75695	33.212	ng/u1	94
34) Caprolactam	11.636	113	40426m	31.234	ng/u1	
35) 4-Chloro-3-methylphenol	12.006	107	134980	34.132	ng/u1	97
36) 2-Methylnaphthalene	12.377	142	250095	32.764	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	250526	32.729	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.747	216	143263	30.855	ng/ul	100
40) Hexachlorocyclopentadiene	12.723	237	72088	24.649	ng/ul	97
41) 2,4,6-Trichlorophenol	12.988	196	96930	30.801	ng/ul	98
42) 2,4,5-Trichlorophenol	13.064	196	102783	30.201	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	335472	30.554	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	269067	30.534	ng/ul	99
45) 2-Nitroaniline	13.634	65	98953	32.298	ng/ul	97
47) Dimethylphthalate	14.004	163	362135	29.984	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	78797	31.785	ng/ul	92
50) Acenaphthylene	14.274	152	428792	30.269	ng/ul	99
51) 3-Nitroaniline	14.462	138	76497	36.513	ng/ul	90
52) Acenaphthene	14.621	153	296380	30.489	ng/ul	97
53) 2,4-Dinitrophenol	14.668	184	39457	30.529	ng/ul	96
55) 4-Nitrophenol	14.774	109	45500	28.918	ng/ul	83
56) Dibenzofuran	14.956	168	420314	30.418	ng/ul	100
57) 2,4-Dinitrotoluene	14.915	165	112490	32.026	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.179	232	89527	28.896	ng/ul	98
59) Diethylphthalate	15.367	149	376485	29.866	ng/ul	100
61) Fluorene	15.602	166	340944	30.071	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.591	204	184018	30.674	ng/ul	98
63) 4-Nitroaniline	15.626	138	78389	41.768	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.679	198	66645	31.908	ng/ul	98
67) N-Nitrosodiphenylamine	15.808	169	296950	29.665	ng/ul	99
68) 4-Bromophenyl-phenylether	16.484	248	127551	30.894	ng/ul	99
69) Hexachlorobenzene	16.607	284	144751	31.314	ng/ul	96
70) Atrazine	16.748	200	70435	17.207	ng/ul	99
71) Pentachlorophenol	16.948	266	72231	26.028	ng/ul	97
72) Phenanthrene	17.341	178	563812	29.469	ng/ul	99
74) Anthracene	17.435	178	565368	29.201	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.352	216	153781	30.828	ng/uL	99
76) Pentachlorobenzene	14.874	250	367798	69.037	ng/uL	96
77) Carbazole	17.700	167	527372	30.118	ng/ul	99
78) Di-n-butylphthalate	18.258	149	669425	30.012	ng/ul	100
80) Fluoranthene	19.351	202	686160	28.816	ng/ul	99
82) Pyrene	19.715	202	688251	28.714	ng/ul	99
83) Butylbenzylphthalate	20.596	149	295475	30.400	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.454	252	270444	34.237	ng/ul	100
85) Benzo(a)anthracene	21.537	228	702641	29.992	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.437	149	424404	30.470	ng/ul	97
87) Chrysene	21.601	228	669554	30.487	ng/ul	99
89) Di-n-octyl phthalate	22.618	149	752269	30.166	ng/ul	100
90) Benzo(b)fluoranthene	23.705	252	759060	30.204	ng/ul	98
91) Benzo(k)fluoranthene	23.769	252	725585	29.456	ng/ul	99
93) Benzo(a)pyrene	24.562	252	666211	29.951	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.305	276	890381	30.144	ng/ul	100
95) Dibenzo(a,h)anthracene	28.364	278	736727	30.247	ng/ul	99
96) Benzo(g,h,i)perylene	29.421	276	729595	30.241	ng/ul	99

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

