

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061693.D
 Acq On : 25 Jun 2024 3:01
 Operator : MA/JU
 Sample : PB161484BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS484

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 03:43:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 05:03:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.072	152	56007	20.000	ng/u1	0.00
20) Naphthalene-d8	10.886	136	298869	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.699	164	226196	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.443	188	567364	20.000	ng/u1	0.00
79) Chrysene-d12	21.709	240	468893	20.000	ng/u1	0.00
88) Perylene-d12	24.934	264	546858	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.465	96	10075m	6.498	ng/uL	0.00
4) Pyridine-d5	3.882	84	143376	30.587	ng/u1	0.00
7) Phenol-d5	7.214	99	209420	34.443	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.396	67	126298	33.322	ng/u1	0.00
11) 2-Chlorophenol-d4	7.596	132	138755	33.256	ng/u1	0.00
15) 4-Methylphenol-d8	8.771	113	163025	34.684	ng/u1	0.00
21) Nitrobenzene-d5	9.235	128	72992	35.969	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	87655	42.648	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.498	165	165917	34.092	ng/u1	0.00
31) 4-Chloroaniline-d4	11.015	131	222169	30.153	ng/u1	0.00
46) Dimethylphthalate-d6	14.106	166	581184	33.389	ng/u1	0.00
49) Acenaphthylene-d8	14.399	160	636642	33.374	ng/u1	0.00
54) 4-Nitrophenol-d4	14.881	143	108001	36.127	ng/u1	0.01
60) Fluorene-d10	15.692	176	529747	34.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	101577	41.869	ng/u1	0.00
73) Anthracene-d10	17.543	188	854756	33.005	ng/u1	0.00
81) Pyrene-d10	19.823	212	959698	36.642	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.717	264	944617	36.166	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.500	88	20661m	10.723	ng/uL	
5) Pyridine	3.906	79	142027	28.185	ng/u1	93
6) Benzaldehyde	7.208	77	115741	38.684	ng/u1	90
8) Phenol	7.243	94	220039	34.391	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.490	93	155809	32.354	ng/u1	97
12) 2-Chlorophenol	7.631	128	143718	34.334	ng/u1	97
13) 2-Methylphenol	8.506	108	161098	35.987	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.600	45	349370	35.510	ng/u1	96
16) Acetophenone	8.900	105	262830	33.959	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.882	70	140538	33.803	ng/u1#	98
18) 4-Methylphenol	8.835	108	173648	34.625	ng/u1	92
19) Hexachloroethane	9.159	117	61651	36.732	ng/u1#	90
22) Nitrobenzene	9.282	77	204061	34.906	ng/u1	96
23) Isophorone	9.805	82	408996	30.421	ng/u1	98
25) 2-Nitrophenol	9.993	139	86073	40.049	ng/u1#	79
26) 2,4-Dimethylphenol	10.046	107	144128	23.978	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.287	93	238699	31.385	ng/u1	99
29) 2,4-Dichlorophenol	10.528	162	154051	34.549	ng/u1	98
30) Naphthalene	10.939	128	512444	30.644	ng/u1	98
32) 4-Chloroaniline	11.039	127	194744	26.650	ng/u1	96
33) Hexachlorobutadiene	11.215	225	104080	33.792	ng/u1	93
34) Caprolactam	11.803	113	65305m	35.419	ng/u1	
35) 4-Chloro-3-methylphenol	12.149	107	211973	33.996	ng/u1	97
36) 2-Methylnaphthalene	12.537	142	381538	32.334	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.754	142	387484	30.776	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.895	216	205938	32.170	ng/ul	94
40) Hexachlorocyclopentadiene	12.872	237	87725	23.032	ng/ul	94
41) 2,4,6-Trichlorophenol	13.130	196	141675	34.302	ng/ul	95
42) 2,4,5-Trichlorophenol	13.201	196	159140	35.350	ng/ul	90
43) 1,1'-Biphenyl	13.542	154	534002	32.591	ng/ul	99
44) 2-Chloronaphthalene	13.583	162	408397	32.449	ng/ul	99
45) 2-Nitroaniline	13.783	65	180145	41.811	ng/ul	97
47) Dimethylphthalate	14.153	163	540469	31.268	ng/ul	99
48) 2,6-Dinitrotoluene	14.276	165	120759	42.101	ng/ul#	88
50) Acenaphthylene	14.423	152	677476	31.815	ng/ul	98
51) 3-Nitroaniline	14.599	138	124463	42.373	ng/ul#	99
52) Acenaphthene	14.764	153	466264	31.618	ng/ul	95
53) 2,4-Dinitrophenol	14.805	184	63666	43.679	ng/ul#	86
55) 4-Nitrophenol	14.893	109	110176	35.689	ng/ul	90
56) Dibenzofuran	15.099	168	682114	33.054	ng/ul	94
57) 2,4-Dinitrotoluene	15.058	165	184125	43.246	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.316	232	147233	33.355	ng/ul#	88
59) Diethylphthalate	15.516	149	599321	33.665	ng/ul	97
61) Fluorene	15.751	166	568067	33.262	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.739	204	281927	33.253	ng/ul	99
63) 4-Nitroaniline	15.763	138	135788	43.636	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.815	198	106419	38.726	ng/ul#	93
67) N-Nitrosodiphenylamine	15.951	169	504495	34.385	ng/ul	98
68) 4-Bromophenyl-phenylether	16.632	248	206629	35.371	ng/ul	94
69) Hexachlorobenzene	16.744	284	238125	33.589	ng/ul	95
70) Atrazine	16.897	200	109200	18.634	ng/ul	95
71) Pentachlorophenol	17.085	266	132973	30.792	ng/ul	96
72) Phenanthrene	17.490	178	973001	32.598	ng/ul	97
74) Anthracene	17.578	178	965586	31.634	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.501	216	212196	33.569	ng/uL	97
76) Pentachlorobenzene	15.016	250	251295	33.104	ng/uL	97
77) Carbazole	17.842	167	874433	33.740	ng/ul	97
78) Di-n-butylphthalate	18.407	149	1126333	36.337	ng/ul	98
80) Fluoranthene	19.493	202	1087797	35.795	ng/ul	98
82) Pyrene	19.852	202	1141829	35.336	ng/ul	99
83) Butylbenzylphthalate	20.739	149	477984	40.627	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.603	252	386003	38.933	ng/ul	94
85) Benzo(a)anthracene	21.691	228	1109920	33.722	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.609	149	691761	40.000	ng/ul	97
87) Chrysene	21.756	228	1059297	34.013	ng/ul	99
89) Di-n-octyl phthalate	22.831	149	1197819	41.529	ng/ul	100
90) Benzo(b)fluoranthene	23.912	252	1156160	35.170	ng/ul	98
91) Benzo(k)fluoranthene	23.982	252	1156838	34.218	ng/ul	99
93) Benzo(a)pyrene	24.787	252	999029	31.567	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.624	276	1392652m	35.313	ng/ul	
95) Dibenzo(a,h)anthracene	28.689	278	1101692	33.595	ng/ul	99
96) Benzo(g,h,i)perylene	29.764	276	1010281	31.779	ng/ul	98

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

