

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061725.D
 Acq On : 26 Jun 2024 6:49
 Operator : MA/JU
 Sample : PB161523BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS523

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 07:25:36 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	8.073	152	60347	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	316015	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.700	164	223917	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.444	188	533620	20.000	ng/u1	0.00
79) Chrysene-d12	21.704	240	442964	20.000	ng/u1	0.00
88) Perylene-d12	24.935	264	526377	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.472	96	11146	6.672	ng/uL	0.00
4) Pyridine-d5	3.883	84	157178	31.120	ng/u1	0.00
7) Phenol-d5	7.215	99	234047	35.726	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.397	67	139796	34.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.597	132	159718	35.527	ng/u1	0.00
15) 4-Methylphenol-d8	8.766	113	178689	35.282	ng/u1	0.00
21) Nitrobenzene-d5	9.236	128	83570	38.947	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	94973	43.702	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	190270	36.975	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	247723	31.797	ng/u1	0.00
46) Dimethylphthalate-d6	14.107	166	622287	36.114	ng/u1	0.00
49) Acenaphthylene-d8	14.395	160	685722	36.312	ng/u1	0.00
54) 4-Nitrophenol-d4	14.876	143	104885	35.442	ng/u1	0.00
60) Fluorene-d10	15.687	176	556066	36.862	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	102535	44.936	ng/u1	0.00
73) Anthracene-d10	17.544	188	845867	34.727	ng/u1	0.00
81) Pyrene-d10	19.823	212	925979	37.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.706	264	948829	37.741	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.501	88	22892	11.027	ng/uL#	87
5) Pyridine	3.901	79	158161	29.130	ng/u1	93
6) Benzaldehyde	7.209	77	130205	40.389	ng/u1	92
8) Phenol	7.244	94	242653	35.198	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.485	93	172650	33.273	ng/u1	96
12) 2-Chlorophenol	7.626	128	161848	35.884	ng/u1	90
13) 2-Methylphenol	8.501	108	171707	35.599	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.595	45	380747	35.916	ng/u1	95
16) Acetophenone	8.895	105	279718	33.542	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.877	70	152877	34.126	ng/u1	92
18) 4-Methylphenol	8.830	108	189291	35.030	ng/u1	94
19) Hexachloroethane	9.154	117	64756	35.807	ng/u1	92
22) Nitrobenzene	9.277	77	231060	37.380	ng/u1	97
23) Isophorone	9.800	82	455617	32.050	ng/u1	99
25) 2-Nitrophenol	9.988	139	96281	42.368	ng/u1#	82
26) 2,4-Dimethylphenol	10.041	107	169178	26.618	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.288	93	271188	33.722	ng/u1	96
29) 2,4-Dichlorophenol	10.523	162	171930	36.467	ng/u1	93
30) Naphthalene	10.934	128	575439	32.544	ng/u1	97
32) 4-Chloroaniline	11.040	127	220749	28.569	ng/u1	92
33) Hexachlorobutadiene	11.210	225	118550	36.402	ng/u1	95
34) Caprolactam	11.803	113	63317m	32.478	ng/u1	
35) 4-Chloro-3-methylphenol	12.144	107	231130	35.057	ng/u1	93
36) 2-Methylnaphthalene	12.538	142	427701	34.280	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.749	142	428831	32.212	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.890	216	236110	37.258	ng/ul	95
40) Hexachlorocyclopentadiene	12.873	237	96998	25.725	ng/ul	99
41) 2,4,6-Trichlorophenol	13.131	196	147887	36.170	ng/ul	84
42) 2,4,5-Trichlorophenol	13.202	196	165616	37.163	ng/ul	88
43) 1,1'-Biphenyl	13.537	154	580494	35.789	ng/ul	99
44) 2-Chloronaphthalene	13.578	162	441516	35.437	ng/ul	99
45) 2-Nitroaniline	13.778	65	189327	44.389	ng/ul	97
47) Dimethylphthalate	14.154	163	573280	33.504	ng/ul	98
48) 2,6-Dinitrotoluene	14.271	165	125502	44.200	ng/ul#	94
50) Acenaphthylene	14.424	152	722004	34.251	ng/ul	98
51) 3-Nitroaniline	14.600	138	122927	42.276	ng/ul#	97
52) Acenaphthene	14.765	153	487299	33.380	ng/ul	97
53) 2,4-Dinitrophenol	14.800	184	61836	42.855	ng/ul	90
55) 4-Nitrophenol	14.894	109	109298	35.765	ng/ul	96
56) Dibenzofuran	15.100	168	721273	35.307	ng/ul	97
57) 2,4-Dinitrotoluene	15.053	165	184808	43.848	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.317	232	145736	33.351	ng/ul	96
59) Diethylphthalate	15.517	149	612934	34.780	ng/ul	97
61) Fluorene	15.746	166	593349	35.096	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.740	204	304322	36.260	ng/ul	92
63) 4-Nitroaniline	15.764	138	130811	42.464	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.816	198	108149	41.844	ng/ul#	92
67) N-Nitrosodiphenylamine	15.952	169	516582	37.435	ng/ul	97
68) 4-Bromophenyl-phenylether	16.633	248	203952	37.120	ng/ul	99
69) Hexachlorobenzene	16.739	284	238038	35.700	ng/ul	99
70) Atrazine	16.892	200	113816	20.649	ng/ul	96
71) Pentachlorophenol	17.080	266	124021	30.535	ng/ul	97
72) Phenanthrene	17.485	178	964654	34.362	ng/ul	99
74) Anthracene	17.579	178	950971	33.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.501	216	230554	38.780	ng/ul	97
76) Pentachlorobenzene	15.011	250	267881	37.521	ng/ul	94
77) Carbazole	17.843	167	856423	35.135	ng/ul	99
78) Di-n-butylphthalate	18.402	149	1108953	38.038	ng/ul	99
80) Fluoranthene	19.489	202	1067070	37.168	ng/ul	99
82) Pyrene	19.853	202	1111669	36.417	ng/ul	96
83) Butylbenzylphthalate	20.734	149	462378	41.601	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.598	252	376597	40.208	ng/ul	96
85) Benzo(a)anthracene	21.686	228	1091532	35.105	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	674310	41.273	ng/ul	98
87) Chrysene	21.751	228	1062829	36.124	ng/ul	97
89) Di-n-octyl phthalate	22.826	149	1185507	42.701	ng/ul	100
90) Benzo(b)fluoranthene	23.907	252	1159277	36.637	ng/ul	98
91) Benzo(k)fluoranthene	23.972	252	1121928	34.477	ng/ul	99
93) Benzo(a)pyrene	24.782	252	994122	32.634	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.607	276	1382769m	36.427	ng/ul	
95) Dibenzo(a,h)anthracene	28.690	278	1102182	34.918	ng/ul	100
96) Benzo(g,h,i)perylene	29.759	276	969462	31.682	ng/ul	98

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

