

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061764.D
 Acq On : 28 Jun 2024 8:34
 Operator : MA/JU
 Sample : PB161805BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS805

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 09:08:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 12:23:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	78205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.864	136	376198	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.684	164	256334	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.427	188	581232	20.000	ng/u1	0.00
79) Chrysene-d12	21.693	240	455501	20.000	ng/u1	0.00
88) Perylene-d12	24.907	264	509155	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	13693	6.325	ng/uL	0.00
4) Pyridine-d5	3.873	84	201373	30.766	ng/u1	0.00
7) Phenol-d5	7.198	99	274873	32.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	165836	31.335	ng/u1	0.00
11) 2-Chlorophenol-d4	7.580	132	188024	32.273	ng/u1	0.00
15) 4-Methylphenol-d8	8.755	113	205537	31.316	ng/u1	0.00
21) Nitrobenzene-d5	9.219	128	97868	38.314	ng/u1	0.00
24) 2-Nitrophenol-d4	9.942	143	110342	42.651	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.477	165	209063	34.128	ng/u1	0.00
31) 4-Chloroaniline-d4	11.000	131	261119	28.154	ng/u1	0.00
46) Dimethylphthalate-d6	14.090	166	632026	32.040	ng/u1	0.00
49) Acenaphthylene-d8	14.378	160	708254	32.762	ng/u1	0.00
54) 4-Nitrophenol-d4	14.866	143	117843	34.785	ng/u1	0.00
60) Fluorene-d10	15.676	176	557690	32.294	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	95909	38.589	ng/u1	0.00
73) Anthracene-d10	17.527	188	890051	33.548	ng/u1	0.00
81) Pyrene-d10	19.807	212	956842	37.607	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.689	264	858722	35.312	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.491	88	27888	10.366	ng/uL#	77
5) Pyridine	3.890	79	196119	27.873	ng/u1	94
6) Benzaldehyde	7.192	77	155928	37.323	ng/u1	95
8) Phenol	7.228	94	275982	30.891	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.474	93	200913	29.878	ng/u1	94
12) 2-Chlorophenol	7.615	128	191015	32.680	ng/u1	98
13) 2-Methylphenol	8.491	108	189531	30.321	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.585	45	439466	31.989	ng/u1	97
16) Acetophenone	8.879	105	325240	30.095	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.867	70	174885	30.124	ng/u1#	96
18) 4-Methylphenol	8.820	108	213423	30.477	ng/u1	95
19) Hexachloroethane	9.143	117	78123	33.334	ng/u1	90
22) Nitrobenzene	9.266	77	261578	35.547	ng/u1	95
23) Isophorone	9.783	82	502086	29.669	ng/u1	97
25) 2-Nitrophenol	9.977	139	105879	39.138	ng/u1#	84
26) 2,4-Dimethylphenol	10.024	107	193920	25.630	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.271	93	290853	30.382	ng/u1	94
29) 2,4-Dichlorophenol	10.506	162	185728	33.091	ng/u1	97
30) Naphthalene	10.917	128	643308	30.562	ng/u1	98
32) 4-Chloroaniline	11.023	127	238248	25.901	ng/u1#	88
33) Hexachlorobutadiene	11.194	225	131697	33.969	ng/u1	93
34) Caprolactam	11.781	113	68310m	29.434	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	244100	31.101	ng/u1	99
36) 2-Methylnaphthalene	12.521	142	446115	30.036	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.733	142	466840	29.458	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.880	216	246865	34.029	ng/ul	97
40) Hexachlorocyclopentadiene	12.856	237	108515	25.140	ng/ul	92
41) 2,4,6-Trichlorophenol	13.115	196	155165	33.151	ng/ul	89
42) 2,4,5-Trichlorophenol	13.185	196	176005	34.500	ng/ul	93
43) 1,1'-Biphenyl	13.520	154	607213	32.702	ng/ul	98
44) 2-Chloronaphthalene	13.567	162	465568	32.642	ng/ul	97
45) 2-Nitroaniline	13.767	65	202688	41.512	ng/ul	96
47) Dimethylphthalate	14.137	163	590518	30.147	ng/ul	98
48) 2,6-Dinitrotoluene	14.260	165	122705	37.750	ng/ul#	95
50) Acenaphthylene	14.407	152	732416	30.351	ng/ul	98
51) 3-Nitroaniline	14.590	138	137449	41.292	ng/ul#	90
52) Acenaphthene	14.748	153	514599	30.793	ng/ul	96
53) 2,4-Dinitrophenol	14.789	184	53480	32.377	ng/ul#	85
55) 4-Nitrophenol	14.883	109	113305	32.387	ng/ul	96
56) Dibenzofuran	15.083	168	733388	31.360	ng/ul	95
57) 2,4-Dinitrotoluene	15.042	165	183381	38.007	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.300	232	149057	29.798	ng/ul	91
59) Diethylphthalate	15.500	149	617808	30.623	ng/ul	96
61) Fluorene	15.729	166	600322	31.018	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.723	204	293552	30.553	ng/ul	98
63) 4-Nitroaniline	15.747	138	140627	39.878	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.800	198	101858	36.182	ng/ul#	89
67) N-Nitrosodiphenylamine	15.935	169	512572	34.102	ng/ul	96
68) 4-Bromophenyl-phenylether	16.617	248	208748	34.881	ng/ul	94
69) Hexachlorobenzene	16.728	284	242078	33.332	ng/ul	96
70) Atrazine	16.881	200	110839	18.462	ng/ul	99
71) Pentachlorophenol	17.069	266	124504	28.143	ng/ul	96
72) Phenanthrene	17.468	178	971728	31.778	ng/ul	99
74) Anthracene	17.563	178	993650	31.777	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.485	216	245696	37.941	ng/ul	98
76) Pentachlorobenzene	14.995	250	266686	34.293	ng/ul	95
77) Carbazole	17.833	167	879115	33.111	ng/ul	100
78) Di-n-butylphthalate	18.385	149	1094144	34.456	ng/ul	98
80) Fluoranthene	19.478	202	1115503	37.786	ng/ul	98
82) Pyrene	19.836	202	1155006	36.795	ng/ul	97
83) Butylbenzylphthalate	20.724	149	471720	41.273	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.587	252	341106	35.417	ng/ul#	95
85) Benzo(a)anthracene	21.669	228	1069447	33.448	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.581	149	656246	39.062	ng/ul	98
87) Chrysene	21.740	228	1001762	33.111	ng/ul	99
89) Di-n-octyl phthalate	22.803	149	1102700	41.062	ng/ul	100
90) Benzo(b)fluoranthene	23.884	252	1076773	35.181	ng/ul	97
91) Benzo(k)fluoranthene	23.955	252	1043005	33.135	ng/ul	97
93) Benzo(a)pyrene	24.760	252	926175	31.432	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.573	276	1273243	34.676	ng/ul	97
95) Dibenzo(a,h)anthracene	28.644	278	1021173	33.446	ng/ul	97
96) Benzo(g,h,i)perylene	29.719	276	993715	33.573	ng/ul	99

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

