

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
 Data File : BG061762.D
 Acq On : 28 Jun 2024 7:13
 Operator : MA/JU
 Sample : P2898-09MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E1GB1MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 08:00:47 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	8.059	152	72296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.867	136	347051	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	227800	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.424	188	527415	20.000	ng/u1	0.00
79) Chrysene-d12	21.690	240	402356	20.000	ng/u1	0.00
88) Perylene-d12	24.904	264	464529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	10204	5.099	ng/uL	0.00
4) Pyridine-d5	3.876	84	76943	12.716	ng/u1	0.00
7) Phenol-d5	7.201	99	65840	8.389	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.377	67	178862	36.558	ng/u1	0.00
11) 2-Chlorophenol-d4	7.583	132	161392	29.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.752	113	111628	18.398	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	99978	42.427	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	111047	46.529	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	204057	36.108	ng/u1	0.00
31) 4-Chloroaniline-d4	10.997	131	265400	31.019	ng/u1	0.00
46) Dimethylphthalate-d6	14.093	166	712935	40.669	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	768248	39.989	ng/u1	0.00
54) 4-Nitrophenol-d4	14.863	143	32011	10.633	ng/u1	0.00
60) Fluorene-d10	15.674	176	613753	39.993	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.785	200	108480	48.101	ng/u1	0.00
73) Anthracene-d10	17.530	188	1003682	41.691	ng/u1	0.00
81) Pyrene-d10	19.810	212	1076126	47.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.687	264	946112	42.644	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	15080m	6.063	ng/uL	
5) Pyridine	3.893	79	81485	12.527	ng/u1	94
6) Benzaldehyde	7.189	77	123118m	31.878	ng/u1	
8) Phenol	7.225	94	83531	10.114	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.471	93	246131	39.594	ng/u1	94
12) 2-Chlorophenol	7.612	128	189590	35.088	ng/u1	94
13) 2-Methylphenol	8.488	108	149537	25.878	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.576	45	542028	42.679	ng/u1	95
16) Acetophenone	8.882	105	406519	40.690	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.864	70	217289	40.488	ng/u1#	94
18) 4-Methylphenol	8.817	108	144307	22.291	ng/u1	98
19) Hexachloroethane	9.140	117	81351	37.549	ng/u1	94
22) Nitrobenzene	9.263	77	322939	47.572	ng/u1	97
23) Isophorone	9.786	82	645805	41.366	ng/u1	97
25) 2-Nitrophenol	9.974	139	126902	50.849	ng/u1#	67
26) 2,4-Dimethylphenol	10.027	107	189889	27.205	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.268	93	363817	41.195	ng/u1	98
29) 2,4-Dichlorophenol	10.509	162	213452	41.225	ng/u1	99
30) Naphthalene	10.920	128	784040	40.376	ng/u1	100
32) 4-Chloroaniline	11.026	127	270991	31.935	ng/u1	97
33) Hexachlorobutadiene	11.196	225	158284	44.256	ng/u1	93
34) Caprolactam	11.790	113	12678m	5.922	ng/u1	
35) 4-Chloro-3-methylphenol	12.131	107	249324	34.435	ng/u1	97
36) 2-Methylnaphthalene	12.518	142	564693	41.212	ng/u1	99

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37) 1-Methylnaphthalene	12.736	142	590309	40.377	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.877	216	313120	48.568	ng/ul	98
40) Hexachlorocyclopentadiene	12.859	237	106121	27.665	ng/ul	94
41) 2,4,6-Trichlorophenol	13.112	196	203545	48.935	ng/ul	95
42) 2,4,5-Trichlorophenol	13.182	196	219593	48.435	ng/ul	92
43) 1,1'-Biphenyl	13.523	154	764331	46.319	ng/ul	100
44) 2-Chloronaphthalene	13.564	162	574719	45.342	ng/ul	97
45) 2-Nitroaniline	13.764	65	256692	59.157	ng/ul	95
47) Dimethylphthalate	14.140	163	776881	44.629	ng/ul	99
48) 2,6-Dinitrotoluene	14.258	165	169190	58.571	ng/ul#	94
50) Acenaphthylene	14.410	152	920478	42.923	ng/ul	96
51) 3-Nitroaniline	14.587	138	163584	55.299	ng/ul#	97
52) Acenaphthene	14.751	153	644113	43.370	ng/ul	94
53) 2,4-Dinitrophenol	14.792	184	69332	47.231	ng/ul#	81
55) 4-Nitrophenol	14.880	109	38270	12.309	ng/ul	95
56) Dibenzofuran	15.086	168	918072	44.175	ng/ul	94
57) 2,4-Dinitrotoluene	15.045	165	250990	58.535	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.303	232	209095	47.035	ng/ul#	98
59) Diethylphthalate	15.497	149	821648	45.829	ng/ul	97
61) Fluorene	15.732	166	773129	44.950	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.721	204	379999	44.505	ng/ul	95
63) 4-Nitroaniline	15.750	138	172458	55.030	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.803	198	131554	51.498	ng/ul#	95
67) N-Nitrosodiphenylamine	15.938	169	668909	49.044	ng/ul	98
68) 4-Bromophenyl-phenylether	16.620	248	270322	49.779	ng/ul	96
69) Hexachlorobenzene	16.725	284	318960	48.400	ng/ul	97
70) Atrazine	16.884	200	205499	37.722	ng/ul	97
71) Pentachlorophenol	17.072	266	185264	46.150	ng/ul	95
72) Phenanthrene	17.471	178	1287217	46.391	ng/ul	99
74) Anthracene	17.566	178	1300865	45.847	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	328391	55.886	ng/ul	97
76) Pentachlorobenzene	14.998	250	312688	44.312	ng/ul	91
77) Carbazole	17.830	167	1175074	48.774	ng/ul	97
78) Di-n-butylphthalate	18.388	149	1456419	50.545	ng/ul	97
80) Fluoranthene	19.475	202	1460662	56.013	ng/ul	99
82) Pyrene	19.839	202	1495303	53.928	ng/ul	97
83) Butylbenzylphthalate	20.727	149	615549	60.972	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.584	252	379066	44.556	ng/ul	96
85) Benzo(a)anthracene	21.672	228	1391677	49.275	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.584	149	863235	58.170	ng/ul	99
87) Chrysene	21.737	228	1291019	48.308	ng/ul	99
89) Di-n-octyl phthalate	22.801	149	1456042	59.428	ng/ul	100
90) Benzo(b)fluoranthene	23.887	252	1374511	49.223	ng/ul	98
91) Benzo(k)fluoranthene	23.952	252	1357063	47.254	ng/ul	98
93) Benzo(a)pyrene	24.757	252	1144563	42.575	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.570	276	1670394	49.863	ng/ul	98
95) Dibenzo(a,h)anthracene	28.641	278	1368873	49.140	ng/ul	99
96) Benzo(g,h,i)perylene	29.716	276	1294701	47.944	ng/ul	99

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

