

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
 Data File : BG061676.D
 Acq On : 24 Jun 2024 15:30
 Operator : MA/JU
 Sample : P2775-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4BQ3MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 16:21:45 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	8.079	152	65902	20.000	ng/u1	0.00
20) Naphthalene-d8	10.888	136	337259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.707	164	236189	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.450	188	550088	20.000	ng/u1	0.00
79) Chrysene-d12	21.716	240	441122	20.000	ng/u1	0.00
88) Perylene-d12	24.942	264	537710	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.473	96	7691m	4.216	ng/uL	0.00
4) Pyridine-d5	3.896	84	39255	7.117	ng/u1	0.00
7) Phenol-d5	7.221	99	170668	23.855	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	125349	28.106	ng/u1	0.00
11) 2-Chlorophenol-d4	7.603	132	131661	26.818	ng/u1	0.00
15) 4-Methylphenol-d8	8.772	113	134541	24.326	ng/u1	0.00
21) Nitrobenzene-d5	9.242	128	75651	33.036	ng/u1	0.00
24) 2-Nitrophenol-d4	9.959	143	83482	35.994	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	164642	29.980	ng/u1	0.00
31) 4-Chloroaniline-d4	11.017	131	144480	17.377	ng/u1	0.00
46) Dimethylphthalate-d6	14.113	166	551449	30.340	ng/u1	0.00
49) Acenaphthylene-d8	14.401	160	621527	31.203	ng/u1	0.00
54) 4-Nitrophenol-d4	14.883	143	77026	24.676	ng/u1	0.01
60) Fluorene-d10	15.694	176	505015	31.738	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	88998	37.836	ng/u1	0.00
73) Anthracene-d10	17.544	188	769256	30.636	ng/u1	0.00
81) Pyrene-d10	19.824	212	730787	29.658	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.724	264	544940	21.219	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.508	88	25413	11.209	ng/uL#	81
5) Pyridine	3.913	79	40664	6.858	ng/u1	98
6) Benzaldehyde	7.210	77	90242	25.633	ng/u1	93
8) Phenol	7.251	94	282465	37.519	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.497	93	204982	36.174	ng/u1#	92
12) 2-Chlorophenol	7.638	128	188752	38.322	ng/u1	99
13) 2-Methylphenol	8.508	108	189056	35.892	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.602	45	437432	37.785	ng/u1	96
16) Acetophenone	8.902	105	353271	38.791	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.884	70	186591	38.141	ng/u1#	95
18) 4-Methylphenol	8.837	108	214325	36.319	ng/u1	95
19) Hexachloroethane	9.166	117	60727	30.749	ng/u1	94
22) Nitrobenzene	9.284	77	261809	39.687	ng/u1	95
23) Isophorone	9.812	82	534006	35.198	ng/u1	99
25) 2-Nitrophenol	9.994	139	111427	45.945	ng/u1#	78
26) 2,4-Dimethylphenol	10.047	107	134065	19.765	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.294	93	321827	37.499	ng/u1	97
29) 2,4-Dichlorophenol	10.529	162	206167	40.974	ng/u1	98
30) Naphthalene	10.940	128	681881	36.134	ng/u1	99
32) 4-Chloroaniline	11.046	127	166274	20.164	ng/u1	92
33) Hexachlorobutadiene	11.217	225	137523	39.568	ng/u1	94
34) Caprolactam	11.810	113	68014m	32.690	ng/u1	
35) 4-Chloro-3-methylphenol	12.151	107	266170	37.829	ng/u1	95
36) 2-Methylnaphthalene	12.539	142	497700	37.378	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.756	142	519970	36.598	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.897	216	267731	40.053	ng/ul	98
40) Hexachlorocyclopentadiene	12.879	237	83793	21.069	ng/ul	97
41) 2,4,6-Trichlorophenol	13.138	196	190011	44.059	ng/ul	95
42) 2,4,5-Trichlorophenol	13.208	196	201381	42.841	ng/ul	88
43) 1,1'-Biphenyl	13.543	154	685900	40.090	ng/ul	99
44) 2-Chloronaphthalene	13.584	162	515594	39.233	ng/ul	98
45) 2-Nitroaniline	13.784	65	213385	47.430	ng/ul	97
47) Dimethylphthalate	14.160	163	672298	37.249	ng/ul	98
48) 2,6-Dinitrotoluene	14.278	165	142519	47.585	ng/ul#	91
50) Acenaphthylene	14.430	152	824203	37.068	ng/ul	99
51) 3-Nitroaniline	14.607	138	126857	41.360	ng/ul#	93
52) Acenaphthene	14.771	153	580737	37.714	ng/ul	96
53) 2,4-Dinitrophenol	14.807	184	77510	50.927	ng/ul	88
55) 4-Nitrophenol	14.900	109	127791	39.643	ng/ul	93
56) Dibenzofuran	15.100	168	846577	39.288	ng/ul	94
57) 2,4-Dinitrotoluene	15.059	165	214172	48.175	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.318	232	191017	41.443	ng/ul#	98
59) Diethylphthalate	15.523	149	713812	38.400	ng/ul	99
61) Fluorene	15.752	166	694862	38.965	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.747	204	339302	38.327	ng/ul	99
63) 4-Nitroaniline	15.764	138	145049	44.640	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.817	198	125331	47.040	ng/ul#	84
67) N-Nitrosodiphenylamine	15.952	169	593312	41.708	ng/ul	98
68) 4-Bromophenyl-phenylether	16.640	248	238035	42.027	ng/ul	95
69) Hexachlorobenzene	16.745	284	221301	32.197	ng/ul	97
70) Atrazine	16.904	200	191157	33.643	ng/ul	94
71) Pentachlorophenol	17.086	266	165744	39.586	ng/ul	95
72) Phenanthrene	17.492	178	1304470	45.075	ng/ul	99
74) Anthracene	17.586	178	1107827	37.434	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.502	216	287480	46.907	ng/uL	95
76) Pentachlorobenzene	15.018	250	264461	35.933	ng/uL	96
77) Carbazole	17.850	167	916944	36.491	ng/ul	98
78) Di-n-butylphthalate	18.414	149	1266726	42.149	ng/ul	99
80) Fluoranthene	19.495	202	1611787	56.376	ng/ul	98
82) Pyrene	19.859	202	1339909	44.077	ng/ul	97
83) Butylbenzylphthalate	20.747	149	538583	48.660	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.610	252	224202	24.037	ng/ul#	94
85) Benzo(a)anthracene	21.698	228	1397352	45.128	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.616	149	830359	51.037	ng/ul	100
87) Chrysene	21.763	228	1359297	46.393	ng/ul	99
89) Di-n-octyl phthalate	22.844	149	1375656	48.506	ng/ul	100
90) Benzo(b)fluoranthene	23.925	252	1518834	46.989	ng/ul	96
91) Benzo(k)fluoranthene	23.996	252	1416903	42.623	ng/ul	97
93) Benzo(a)pyrene	24.789	252	699409	22.476	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.631	276	1272700m	32.821	ng/ul	
95) Dibenzo(a,h)anthracene	28.720	278	1253318	38.869	ng/ul	99
96) Benzo(g,h,i)perylene	29.771	276	122976m	3.934	ng/ul	

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

