

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060624\
 Data File : BG061520.D
 Acq On : 6 Jun 2024 21:50
 Operator : MA/JU
 Sample : P2739-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E0005MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 23:34:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 06 12:15:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	31575	20.000	ng/u1	0.00
20) Naphthalene-d8	10.667	136	108826	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	75541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.260	188	173623	20.000	ng/u1	0.00
79) Chrysene-d12	21.519	240	187611	20.000	ng/u1	0.00
88) Perylene-d12	24.610	264	210811	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	3299m	5.847	ng/uL	0.01
4) Pyridine-d5	3.775	84	23106	11.511	ng/u1	0.00
7) Phenol-d5	7.072	99	72659	28.022	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.213	67	44651	27.397	ng/u1	0.00
11) 2-Chlorophenol-d4	7.424	132	59919	31.224	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	55793	25.234	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	30040	35.852	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	35622	36.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	69398	36.301	ng/u1	0.00
31) 4-Chloroaniline-d4	10.808	131	69845	27.926	ng/u1	0.00
46) Dimethylphthalate-d6	13.917	166	201966	34.472	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	221307	36.333	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	20328	28.064	ng/u1	0.00
60) Fluorene-d10	15.509	176	174649	34.528	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	29225	27.830	ng/u1	0.00
73) Anthracene-d10	17.360	188	283332	37.015	ng/u1	0.00
81) Pyrene-d10	19.657	212	302125	31.364	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.404	264	260471	25.700	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	9281	13.705	ng/uL	84
5) Pyridine	3.793	79	37711	18.995	ng/u1	93
6) Benzaldehyde	7.025	77	53610	39.541	ng/u1	85
8) Phenol	7.101	94	89032	33.700	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.301	93	65869	34.085	ng/u1	87
12) 2-Chlorophenol	7.454	128	74179	36.577	ng/u1	99
13) 2-Methylphenol	8.335	108	62192	30.375	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	143497	27.495	ng/u1#	95
16) Acetophenone	8.699	105	119096	31.562	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.681	70	57073	27.508	ng/u1	87
18) 4-Methylphenol	8.664	108	69503	30.638	ng/u1	97
19) Hexachloroethane	8.952	117	26738	29.632	ng/u1	94
22) Nitrobenzene	9.081	77	90439	39.354	ng/u1	97
23) Isophorone	9.598	82	159574	34.135	ng/u1	99
25) 2-Nitrophenol	9.786	139	44975	42.255	ng/u1	97
26) 2,4-Dimethylphenol	9.857	107	32950	15.624	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.080	93	86448	36.891	ng/u1	99
29) 2,4-Dichlorophenol	10.332	162	75938	43.127	ng/u1	91
30) Naphthalene	10.720	128	233761	40.696	ng/u1	100
32) 4-Chloroaniline	10.832	127	74945	30.153	ng/u1	99
33) Hexachlorobutadiene	11.002	225	80667	46.870	ng/u1	96
34) Caprolactam	11.602	113	20493m	30.421	ng/u1	
35) 4-Chloro-3-methylphenol	11.978	107	75643	33.232	ng/u1	93
36) 2-Methylnaphthalene	12.330	142	161851	38.855	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.548	142	161648	37.813	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.700	216	131491	52.722	ng/ul	96
40) Hexachlorocyclopentadiene	12.677	237	9911	8.804	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.953	196	71620	50.982	ng/ul	95
42) 2,4,5-Trichlorophenol	13.035	196	72791	49.204	ng/ul	98
43) 1,1'-Biphenyl	13.341	154	226182	46.305	ng/ul	97
44) 2-Chloronaphthalene	13.388	162	178159	46.346	ng/ul	95
45) 2-Nitroaniline	13.593	65	62334	39.289	ng/ul	97
47) Dimethylphthalate	13.964	163	237092	38.826	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	48958	40.884	ng/ul	97
50) Acenaphthylene	14.234	152	274684	40.668	ng/ul	98
51) 3-Nitroaniline	14.428	138	44183	42.515	ng/ul#	87
52) Acenaphthene	14.575	153	182959	41.293	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	17705m	27.881	ng/ul	
55) 4-Nitrophenol	14.774	109	30939	36.330	ng/ul	90
56) Dibenzofuran	14.915	168	265356	41.887	ng/ul	95
57) 2,4-Dinitrotoluene	14.892	165	69267	38.019	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.150	232	61744	45.761	ng/ul	94
59) Diethylphthalate	15.333	149	221677	36.762	ng/ul	98
61) Fluorene	15.562	166	220589	40.244	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.556	204	131331	40.854	ng/ul	99
63) 4-Nitroaniline	15.591	138	46830	43.265	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	39332	35.740	ng/ul	92
67) N-Nitrosodiphenylamine	15.773	169	195008	44.687	ng/ul	96
68) 4-Bromophenyl-phenylether	16.449	248	96073	46.701	ng/ul	97
69) Hexachlorobenzene	16.572	284	84984	37.166	ng/ul	97
70) Atrazine	16.725	200	67355	39.001	ng/ul	94
71) Pentachlorophenol	16.931	266	31167m	39.161	ng/ul	
72) Phenanthrene	17.307	178	382069	45.339	ng/ul	97
74) Anthracene	17.395	178	363928	41.768	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.311	216	121783	53.064	ng/uL	98
76) Pentachlorobenzene	14.839	250	120135	47.345	ng/uL	94
77) Carbazole	17.671	167	278086	39.239	ng/ul	98
78) Di-n-butylphthalate	18.223	149	370102	41.678	ng/ul	99
80) Fluoranthene	19.322	202	560100	48.468	ng/ul	99
82) Pyrene	19.686	202	468609	39.066	ng/ul	97
83) Butylbenzylphthalate	20.573	149	167761	40.712	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.414	252	128904	32.369	ng/ul	97
85) Benzo(a)anthracene	21.502	228	593192	45.823	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.408	149	240523	39.433	ng/ul#	96
87) Chrysene	21.566	228	560593	47.030	ng/ul	99
89) Di-n-octyl phthalate	22.565	149	426008	40.392	ng/ul	100
90) Benzo(b)fluoranthene	23.640	252	615092	49.005	ng/ul	97
91) Benzo(k)fluoranthene	23.699	252	559558	43.914	ng/ul	98
93) Benzo(a)pyrene	24.469	252	285232	23.932	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.147	276	500345m	34.714	ng/ul	
95) Dibenzo(a,h)anthracene	28.176	278	506182	42.592	ng/ul	100
96) Benzo(g,h,i)perylene	29.210	276	51432m	4.486	ng/ul	

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

