

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072521\
 Data File : BG049462.D
 Acq On : 24 Jul 2021 22:56
 Operator : CG/JU
 Sample : PB137775BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS775

Manual Integrations
 APPROVED

mohammad
 7/26/2021 1:31:40 PM

Quant Time: Jul 25 07:22:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 06:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	21068	20.00	ng/ul	0.00
20) Naphthalene-d8	10.871	136	80560	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	54390	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.450	188	123387	20.00	ng/ul	0.00
79) Chrysene-d12	21.727	240	129979	20.00	ng/ul	0.00
88) Perylene-d12	24.999	264	137437m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	3395	7.37	ng/uL	0.00
4) Pyridine-d5	3.857	84	47475	35.89	ng/ul	0.00
7) Phenol-d5	7.199	99	68784	36.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.370	67	39895	37.79	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	49343	36.93	ng/ul	0.00
15) 4-Methylphenol-d8	8.756	113	53749	38.26	ng/ul	0.00
21) Nitrobenzene-d5	9.220	128	24077	38.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	29789	41.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	52863	40.05	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	67412	36.64	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	175924	42.23	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	206783	42.73	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	29285	42.68	ng/ul	0.00
60) Fluorene-d10	15.688	176	149087	41.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	31292	40.93	ng/ul	0.00
73) Anthracene-d10	17.544	188	239695	41.80	ng/ul	0.00
81) Pyrene-d10	19.829	212	293201	44.12	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.775	264	303569	42.02	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	7234	11.49	ng/uL#	86
5) Pyridine	3.874	79	49746	35.16	ng/ul	95
6) Benzaldehyde	7.182	77	44855	40.33	ng/ul	95
8) Phenol	7.229	94	67044	36.82	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.463	93	46138	36.78	ng/ul	96
12) 2-Chlorophenol	7.610	128	48764	37.91	ng/ul	97
13) 2-Methylphenol	8.492	108	52313	37.70	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.580	45	53854	36.63	ng/ul#	94
16) Acetophenone	8.873	105	83844	37.08	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.856	70	45924	39.38	ng/ul#	94
18) 4-Methylphenol	8.820	108	52403	35.89	ng/ul	90
19) Hexachloroethane	9.138	117	22377	38.61	ng/ul	88
22) Nitrobenzene	9.261	77	72967	39.46	ng/ul	99
23) Isophorone	9.784	82	125251	40.42	ng/ul	98
25) 2-Nitrophenol	9.978	139	28347	41.50	ng/ul	93
26) 2,4-Dimethylphenol	10.031	107	65334	40.13	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.266	93	60848	39.37	ng/ul	98
29) 2,4-Dichlorophenol	10.512	162	50863	39.42	ng/ul#	92
30) Naphthalene	10.918	128	161723	38.97	ng/ul#	95
32) 4-Chloroaniline	11.023	127	63164	36.09	ng/ul#	88
33) Hexachlorobutadiene	11.205	225	40466	41.02	ng/ul	91
34) Caprolactam	11.781	113	17940m	40.88	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	61537	42.38	ng/ul	95
36) 2-Methylnaphthalene	12.521	142	122955	40.48	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.745	142	118545	38.63	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.891	216	68441	42.34	ng/ul	89
40) Hexachlorocyclopentadiene	12.874	237	36061	37.02	ng/ul	93
41) 2,4,6-Trichlorophenol	13.126	196	44405	44.70	ng/ul	90
42) 2,4,5-Trichlorophenol	13.203	196	47392	44.67	ng/ul	97
43) 1,1'-Biphenyl	13.526	154	160059	41.33	ng/ul#	96
44) 2-Chloronaphthalene	13.573	162	124904	41.44	ng/ul	97
45) 2-Nitroaniline	13.773	65	47788	44.68	ng/ul	96
47) Dimethylphthalate	14.143	163	171421	42.31	ng/ul	99
48) 2,6-Dinitrotoluene	14.266	165	35567	43.99	ng/ul#	95
50) Acenaphthylene	14.419	152	191740	41.49	ng/ul	95
51) 3-Nitroaniline	14.595	138	31403	38.94	ng/ul	80
52) Acenaphthene	14.759	153	138907	41.91	ng/ul	98
53) 2,4-Dinitrophenol	14.806	184	18151	45.06	ng/ul#	78
55) 4-Nitrophenol	14.906	109	40072	43.07	ng/ul	99
56) Dibenzofuran	15.094	168	185869	41.53	ng/ul	99
57) 2,4-Dinitrotoluene	15.053	165	51359	44.81	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.318	232	39981	41.53	ng/ul	94
59) Diethylphthalate	15.506	149	174159	41.53	ng/ul	97
61) Fluorene	15.746	166	159902	42.09	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.735	204	86269	43.62	ng/ul	91
63) 4-Nitroaniline	15.764	138	33454	41.83	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.823	198	29424	41.81	ng/ul#	83
67) N-Nitrosodiphenylamine	15.946	169	133951	41.42	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	58132	42.31	ng/ul	92
69) Hexachlorobenzene	16.751	284	63153	40.63	ng/ul	97
70) Atrazine	16.892	200	61346	41.54	ng/ul	98
71) Pentachlorophenol	17.098	266	30790m	42.78	ng/ul	
72) Phenanthrene	17.491	178	262659	40.89	ng/ul	99
74) Anthracene	17.579	178	257992	39.63	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.496	216	66592	39.72	ng/uL	98
76) Pentachlorobenzene	15.018	250	74632	42.07	ng/uL	96
77) Carbazole	17.849	167	234685	40.33	ng/ul	97
78) Di-n-butylphthalate	18.402	149	291689	40.31	ng/ul	98
80) Fluoranthene	19.500	202	339978	42.13	ng/ul	100
82) Pyrene	19.858	202	338808	42.29	ng/ul	98
83) Butylbenzylphthalate	20.740	149	136303	43.69	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.621	252	122256	40.94	ng/ul	96
85) Benzo(a)anthracene	21.703	228	333440	41.96	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.603	149	197056	42.57	ng/ul	99
87) Chrysene	21.774	228	321726	42.30	ng/ul	98
89) Di-n-octyl phthalate	22.831	149	331606	41.05	ng/ul	100
90) Benzo(b)fluoranthene	23.959	252	374387m	43.46	ng/ul	
91) Benzo(k)fluoranthene	24.029	252	344072	40.81	ng/ul	98
93) Benzo(a)pyrene	24.846	252	317970	42.55	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.746	276	413105	43.32	ng/ul	97
95) Dibenzo(a,h)anthracene	28.817	278	335395	42.51	ng/ul	97
96) Benzo(g,h,i)perylene	29.921	276	340475	42.95	ng/ul#	94

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

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