

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121820\
 Data File : BG047776.D
 Acq On : 18 Dec 2020 15:36
 Operator : CG/JU
 Sample : L5088-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR1-A-D-COMPMSD

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:41:21 AM

Quant Time: Dec 18 16:17:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	27213	20.00	ng	0.00
21) Naphthalene-d8	11.025	136	99624	20.00	ng	# 0.00
39) Acenaphthene-d10	14.820	164	78502	20.00	ng	0.00
64) Phenanthrene-d10	17.558	188	206739	20.00	ng	# 0.00
76) Chrysene-d12	21.836	240	211149	20.00	ng	# 0.00
86) Perylene-d12	25.179	264	232014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	193613	123.08	ng	0.00
7) Phenol-d6	7.341	99	247249	107.52	ng	0.00
23) Nitrobenzene-d5	9.374	82	219902	81.19	ng	0.00
42) 2,4,6-Tribromophenol	16.307	330	190323	142.01	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	478120	78.81	ng	0.00
79) Terphenyl-d14	20.144	244	995274	77.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.563	88	21071	31.18	ng	# 23
3) Pyridine	3.980	79	50127	28.74	ng	# 78
4) n-Nitrosodimethylamine	3.880	42	57658	41.78	ng	# 45
6) Aniline	7.511	93	33490	13.13	ng	# 86
8) 2-Chlorophenol	7.758	128	77767	48.50	ng	95
9) Benzaldehyde	7.317	77	32960	21.87	ng	# 72
10) Phenol	7.370	94	91627	43.95	ng	# 51
11) bis(2-Chloroethyl)ether	7.605	93	65997	44.42	ng	99
12) 1,3-Dichlorobenzene	8.093	146	85737	39.66	ng	# 86
13) 1,4-Dichlorobenzene	8.240	146	86568	40.08	ng	95
14) 1,2-Dichlorobenzene	8.557	146	82139m	40.44	ng	
15) Benzyl Alcohol	8.434	79	100798	49.48	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.728	45	63340	42.91	ng	81
17) 2-Methylphenol	8.634	107	70313	47.80	ng	# 77
18) Hexachloroethane	9.303	117	33486	39.54	ng	90
19) n-Nitroso-di-n-propyla...	9.004	70	72887	45.55	ng	91
20) 3+4-Methylphenols	8.968	107	92596	45.94	ng	# 84
22) Acetophenone	9.027	105	127366	44.67	ng	# 88
24) Nitrobenzene	9.415	77	113669	44.46	ng	# 82
25) Isophorone	9.938	82	195089	47.77	ng	# 92
26) 2-Nitrophenol	10.126	139	45826	45.31	ng	# 48
27) 2,4-Dimethylphenol	10.179	122	73798	50.69	ng	# 79
28) bis(2-Chloroethoxy)met...	10.414	93	92304	43.72	ng	94
29) 2,4-Dichlorophenol	10.666	162	87079	45.93	ng	92
30) 1,2,4-Trichlorobenzene	10.884	180	97572	40.11	ng	98
31) Naphthalene	11.078	128	234559	42.84	ng	99
32) Benzoic acid	10.273	122	5948	7.78	ng	# 82
33) 4-Chloroaniline	11.178	127	5605	2.41	ng	# 84
34) Hexachlorobutadiene	11.360	225	82657	38.53	ng	98
35) Caprolactam	11.947	113	26122m	43.39	ng	
36) 4-Chloro-3-methylphenol	12.288	107	102260	49.35	ng	# 79
37) 2-Methylnaphthalene	12.670	142	189997	44.73	ng	# 88
38) 1-Methylnaphthalene	12.887	142	176038	43.85	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.028	216	131430	40.79	ng	# 95
41) Hexachlorocyclopentadiene	13.011	237	156606	89.77	ng	98
43) 2,4,6-Trichlorophenol	13.263	196	92555	44.96	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.334	196	97560	47.90	ng	# 90
46) 1,1'-Biphenyl	13.663	154	260854	43.54	ng	96
47) 2-Chloronaphthalene	13.710	162	202202	41.51	ng	96
48) 2-Nitroaniline	13.898	65	78417	43.57	ng	# 78
49) Acenaphthylene	14.550	152	321153	44.43	ng	98
50) Dimethylphthalate	14.268	163	311812	46.08	ng	98
51) 2,6-Dinitrotoluene	14.392	165	64507	46.89	ng	# 47
52) Acenaphthene	14.885	154	255139m	50.04	ng	
53) 3-Nitroaniline	14.721	138	10776	7.91	ng	# 92
54) 2,4-Dinitrophenol	14.926	184	66774	75.77	ng	# 49
55) Dibenzofuran	15.220	168	331234	44.81	ng	# 91
56) 4-Nitrophenol	15.020	139	93690	95.34	ng	# 9
57) 2,4-Dinitrotoluene	15.173	165	98508	48.17	ng	# 71
58) Fluorene	15.866	166	286217	45.58	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.443	232	103436	49.72	ng	# 95
60) Diethylphthalate	15.619	149	303317	46.49	ng	97
61) 4-Chlorophenyl-phenyle...	15.849	204	178115	45.01	ng	96
62) 4-Nitroaniline	15.878	138	64857	43.25	ng	# 6
63) Azobenzene	16.142	77	282029	46.36	ng	83
65) 4,6-Dinitro-2-methylph...	15.937	198	63483	48.06	ng	85
66) n-Nitrosodiphenylamine	16.060	169	269468	45.55	ng	96
67) 4-Bromophenyl-phenylether	16.742	248	118573	42.68	ng	# 90
68) Hexachlorobenzene	16.865	284	129550	42.99	ng	# 93
69) Atrazine	17.000	200	107560	43.29	ng	94
70) Pentachlorophenol	17.206	266	124957	62.43	ng	97
71) Phenanthrene	17.605	178	509511	45.72	ng	96
72) Anthracene	17.694	178	510943	47.28	ng	99
73) Carbazole	17.958	167	451389	47.71	ng	99
74) Di-n-butylphthalate	18.498	149	527898	47.34	ng	# 94
75) Fluoranthene	19.597	202	696523	46.61	ng	93
77) Benzidine	19.762	184	34870m	6.14	ng	
78) Pyrene	19.956	202	685350	45.31	ng	96
80) Butylbenzylphthalate	20.819	149	230937	44.52	ng	# 82
81) Benzo(a)anthracene	21.812	228	679173	44.78	ng	96
82) 3,3'-Dichlorobenzidine	21.718	252	68134	12.76	ng	# 99
83) Chrysene	21.883	228	652635	45.56	ng	98
84) Bis(2-ethylhexyl)phtha...	21.695	149	330695	46.25	ng	95
85) Di-n-octyl phthalate	22.946	149	547079	45.13	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.027	276	812497	46.12	ng	# 84
88) Benzo(b)fluoranthene	24.115	252	737978	46.13	ng	# 93
89) Benzo(k)fluoranthene	24.192	252	710081	45.78	ng	# 95
90) Benzo(a)pyrene	25.026	252	650905	43.73	ng	# 95
91) Dibenzo(a,h)anthracene	29.098	278	671048	47.02	ng	# 92
92) Benzo(g,h,i)perylene	30.244	276	662853	47.49	ng	# 87

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

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Abundance

TIC: BG047776.D\data.ms

Time-->