

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062621\
 Data File : BG049112.D
 Acq On : 26 Jun 2021 17:15
 Operator : CG/JU
 Sample : M2852-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MANHOLE-WC-SMS

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:26:48 PM

Quant Time: Jun 27 04:32:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	32489	20.00	ng	0.00
21) Naphthalene-d8	10.922	136	135485	20.00	ng	# 0.00
39) Acenaphthene-d10	14.747	164	103393	20.00	ng	0.00
64) Phenanthrene-d10	17.497	188	240301	20.00	ng	# 0.00
76) Chrysene-d12	21.780	240	219089	20.00	ng	0.00
86) Perylene-d12	25.094	264	235404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	227110	108.82	ng	0.00
7) Phenol-d6	7.256	99	304399	97.31	ng	0.00
23) Nitrobenzene-d5	9.271	82	214352	68.22	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	192227	125.49	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	484551	66.20	ng	0.00
79) Terphenyl-d14	20.100	244	869505	72.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	26541	26.05	ng	# 82
3) Pyridine	3.930	79	67397	24.38	ng	91
4) n-Nitrosodimethylamine	3.848	42	53069	40.09	ng	# 81
6) Aniline	7.426	93	109172	27.71	ng	95
8) 2-Chlorophenol	7.667	128	96001	41.73	ng	90
9) Benzaldehyde	7.232	77	71670	44.28	ng	# 82
10) Phenol	7.285	94	128696	39.82	ng	95
11) bis(2-Chloroethyl)ether	7.514	93	82812	34.54	ng	82
12) 1,3-Dichlorobenzene	7.990	146	99394	38.68	ng	97
13) 1,4-Dichlorobenzene	8.137	146	100737	39.32	ng	97
14) 1,2-Dichlorobenzene	8.460	146	98418	39.93	ng	94
15) Benzyl Alcohol	8.337	79	109709	38.30	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.625	45	145319	32.03	ng	82
17) 2-Methylphenol	8.548	107	85670	40.42	ng	96
18) Hexachloroethane	9.189	117	40351	39.26	ng	95
19) n-Nitroso-di-n-propyla...	8.907	70	79617	32.56	ng	# 96
20) 3+4-Methylphenols	8.872	107	118154	40.78	ng	97
22) Acetophenone	8.930	105	163543	39.68	ng	# 96
24) Nitrobenzene	9.312	77	130561	36.89	ng	97
25) Isophorone	9.841	82	218738	31.95	ng	98
26) 2-Nitrophenol	10.029	139	54796	45.64	ng	96
27) 2,4-Dimethylphenol	10.082	122	94603	43.46	ng	94
28) bis(2-Chloroethoxy)met...	10.317	93	121272	38.26	ng	# 95
29) 2,4-Dichlorophenol	10.570	162	100799	41.28	ng	96
30) 1,2,4-Trichlorobenzene	10.787	180	112929	40.33	ng	98
31) Naphthalene	10.975	128	303643	37.62	ng	98
32) Benzoic acid	10.241	122	67839	47.71	ng	# 79
33) 4-Chloroaniline	11.075	127	51855	15.13	ng	96
34) Hexachlorobutadiene	11.257	225	81687	40.94	ng	96
35) Caprolactam	11.868	113	34591m	49.00	ng	
36) 4-Chloro-3-methylphenol	12.203	107	121247	40.62	ng	93
37) 2-Methylnaphthalene	12.579	142	229484	37.64	ng	96
38) 1-Methylnaphthalene	12.796	142	220995	38.61	ng	98
40) 1,2,4,5-Tetrachloroben...	12.943	216	138532	42.20	ng	97
41) Hexachlorocyclopentadiene	12.926	237	179486	85.04	ng	98
43) 2,4,6-Trichlorophenol	13.178	196	99998	45.52	ng	98

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44) 2,4,5-Trichlorophenol	13.261	196	109380	48.15	ng	90
46) 1,1'-Biphenyl	13.578	154	295557	38.77	ng	99
47) 2-Chloronaphthalene	13.625	162	237225	38.97	ng	100
48) 2-Nitroaniline	13.825	65	95166	43.69	ng	94
49) Acenaphthylene	14.471	152	391170	38.56	ng	96
50) Dimethylphthalate	14.195	163	326756	40.57	ng	99
51) 2,6-Dinitrotoluene	14.312	165	72621	44.28	ng	89
52) Acenaphthene	14.812	154	288780m	44.17	ng	
53) 3-Nitroaniline	14.641	138	44367	26.72	ng	90
54) 2,4-Dinitrophenol	14.853	184	84295	110.95	ng	91
55) Dibenzofuran	15.147	168	383982	37.78	ng	98
56) 4-Nitrophenol	14.959	139	125040	92.36	ng	# 88
57) 2,4-Dinitrotoluene	15.100	165	106955	53.09	ng	97
58) Fluorene	15.793	166	328834	39.57	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.370	232	104475	45.44	ng	# 97
60) Diethylphthalate	15.558	149	348863	39.99	ng	96
61) 4-Chlorophenyl-phenyle...	15.781	204	183749	42.29	ng	96
62) 4-Nitroaniline	15.811	138	72566	43.21	ng	# 83
63) Azobenzene	16.075	77	347002	34.77	ng	89
65) 4,6-Dinitro-2-methylph...	15.863	198	57384	50.36	ng	94
66) n-Nitrosodiphenylamine	15.993	169	289341	38.64	ng	98
67) 4-Bromophenyl-phenylether	16.680	248	126145	42.04	ng	91
68) Hexachlorobenzene	16.798	284	143490	44.12	ng	95
69) Atrazine	16.945	200	122673	51.03	ng	97
70) Pentachlorophenol	17.144	266	178685	91.43	ng	96
71) Phenanthrene	17.538	178	530669	39.25	ng	97
72) Anthracene	17.626	178	545224	40.13	ng	98
73) Carbazole	17.896	167	486917	37.39	ng	98
74) Di-n-butylphthalate	18.449	149	598398	40.97	ng	98
75) Fluoranthene	19.541	202	641989	39.37	ng	98
77) Benzidine	19.718	184	386343	87.54	ng	98
78) Pyrene	19.906	202	640425	40.27	ng	96
80) Butylbenzylphthalate	20.781	149	247748	41.29	ng	98
81) Benzo(a)anthracene	21.762	228	632327	40.20	ng	99
82) 3,3'-Dichlorobenzidine	21.668	252	116580	23.17	ng	98
83) Chrysene	21.827	228	599680	39.76	ng	97
84) Bis(2-ethylhexyl)phtha...	21.657	149	350866	41.03	ng	97
85) Di-n-octyl phthalate	22.908	149	598356	41.25	ng	97
87) Indeno(1,2,3-cd)pyrene	28.907	276	767048	43.30	ng	# 97
88) Benzo(b)fluoranthene	24.042	252	664077	39.57	ng	# 96
89) Benzo(k)fluoranthene	24.113	252	634924	39.88	ng	99
90) Benzo(a)pyrene	24.947	252	642192	41.92	ng	# 96
91) Dibenzo(a,h)anthracene	28.977	278	643790	43.48	ng	# 99
92) Benzo(g,h,i)perylene	30.106	276	638899	42.79	ng	100

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

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