

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049918.D
 Acq On : 20 Aug 2021 20:49
 Operator : CG/JU
 Sample : M3463-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-20-0003MSD

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:28:12 PM

Quant Time: Aug 21 05:19:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 21 05:13:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	27837	20.000	ng	# 0.00
21) Naphthalene-d8	10.799	136	117176	20.000	ng	# 0.00
39) Acenaphthene-d10	14.640	164	82272	20.000	ng	0.00
64) Phenanthrene-d10	17.390	188	181359	20.000	ng	# 0.00
76) Chrysene-d12	21.666	240	164322	20.000	ng	0.00
86) Perylene-d12	24.897	264	170306	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	176892	113.912	ng	0.00
7) Phenol-d6	7.151	99	245591	104.478	ng	0.00
23) Nitrobenzene-d5	9.154	82	168649	63.690	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	108911	90.062	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	236547	41.836	ng	0.00
79) Terphenyl-d14	19.998	244	268976	29.729	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	23358	34.421	ng	96
3) Pyridine	3.785	79	59749	32.121	ng	# 83
4) n-Nitrosodimethylamine	3.702	42	42637	42.628	ng	# 77
6) Aniline	7.297	93	94497	37.931	ng	96
8) 2-Chlorophenol	7.544	128	84125	49.688	ng	93
9) Benzaldehyde	7.109	77	63117	40.241	ng	# 85
10) Phenol	7.180	94	113804	49.966	ng	88
11) bis(2-Chloroethyl)ether	7.397	93	71101	46.234	ng	94
12) 1,3-Dichlorobenzene	7.867	146	87293	45.019	ng	99
13) 1,4-Dichlorobenzene	8.014	146	89265	45.479	ng	94
14) 1,2-Dichlorobenzene	8.337	146	84739	45.573	ng	95
15) Benzyl Alcohol	8.220	79	92344	46.777	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.502	45	77074	44.108	ng	97
17) 2-Methylphenol	8.431	107	78331	52.226	ng	92
18) Hexachloroethane	9.066	117	37151	49.239	ng	95
19) n-Nitroso-di-n-propyla...	8.790	70	69313	44.063	ng	# 84
20) 3+4-Methylphenols	8.766	107	106308	50.468	ng	99
22) Acetophenone	8.807	105	136558	42.896	ng	# 91
24) Nitrobenzene	9.195	77	111911	40.052	ng	96
25) Isophorone	9.718	82	179809	38.054	ng	# 96
26) 2-Nitrophenol	9.906	139	48778	45.744	ng	99
27) 2,4-Dimethylphenol	9.970	122	81171	51.503	ng	100
28) bis(2-Chloroethoxy)met...	10.199	93	97134	46.993	ng	92
29) 2,4-Dichlorophenol	10.452	162	91925	47.530	ng	97
30) 1,2,4-Trichlorobenzene	10.663	180	94507	44.380	ng	96
31) Naphthalene	10.851	128	263106	42.874	ng	99
32) Benzoic acid	10.147	122	50366	45.538	ng	# 71
33) 4-Chloroaniline	10.963	127	68669	28.344	ng	# 92
34) Hexachlorobutadiene	11.128	225	65135	42.091	ng	92
35) Caprolactam	11.756	113	29770m	49.818	ng	
36) 4-Chloro-3-methylphenol	12.097	107	106165	47.522	ng	94
37) 2-Methylnaphthalene	12.461	142	197417	42.704	ng	95
38) 1-Methylnaphthalene	12.678	142	184831	42.541	ng	99
40) 1,2,4,5-Tetrachloroben...	12.831	216	107824	44.480	ng	96
41) Hexachlorocyclopentadiene	12.802	237	107038	81.939	ng	87
43) 2,4,6-Trichlorophenol	13.072	196	78697	48.154	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.154	196	84171	47.475	ng	94
46) 1,1'-Biphenyl	13.466	154	250794	42.800	ng	99
47) 2-Chloronaphthalene	13.513	162	204660	43.729	ng	99
48) 2-Nitroaniline	13.718	65	74508	43.356	ng	89
49) Acenaphthylene	14.364	152	324618	43.762	ng	95
50) Dimethylphthalate	14.088	163	272381	43.881	ng	100
51) 2,6-Dinitrotoluene	14.212	165	57312	41.935	ng	90
52) Acenaphthene	14.705	154	189207	42.343	ng	93
53) 3-Nitroaniline	14.546	138	44533	33.413	ng	# 91
54) 2,4-Dinitrophenol	14.764	184	77475	99.854	ng	95
55) Dibenzofuran	15.040	168	307224	42.381	ng	99
56) 4-Nitrophenol	14.875	139	88721	91.118	ng	93
57) 2,4-Dinitrotoluene	15.011	165	85577	44.582	ng	95
58) Fluorene	15.686	166	254078	43.123	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.269	232	74659	45.339	ng	99
60) Diethylphthalate	15.451	149	269302	43.137	ng	97
61) 4-Chlorophenyl-phenyle...	15.674	204	134616	42.806	ng	95
62) 4-Nitroaniline	15.715	138	60891	44.415	ng	# 85
63) Azobenzene	15.968	77	264432	40.018	ng	86
65) 4,6-Dinitro-2-methylph...	15.780	198	48888	41.937	ng	90
66) n-Nitrosodiphenylamine	15.892	169	223297	43.575	ng	97
67) 4-Bromophenyl-phenylether	16.573	248	91250	42.722	ng	94
68) Hexachlorobenzene	16.696	284	104006	43.828	ng	97
69) Atrazine	16.843	200	96424	47.040	ng	96
70) Pentachlorophenol	17.049	266	105350	82.793	ng	94
71) Phenanthrene	17.437	178	410136	42.984	ng	98
72) Anthracene	17.525	178	410194	43.774	ng	98
73) Carbazole	17.795	167	372809	42.006	ng	99
74) Di-n-butylphthalate	18.341	149	441982	42.720	ng	98
75) Fluoranthene	19.446	202	480782	40.948	ng	99
77) Benzidine	19.622	184	170463	40.487	ng	98
78) Pyrene	19.810	202	482940	43.110	ng	98
80) Butylbenzylphthalate	20.685	149	192471	45.112	ng	98
81) Benzo(a)anthracene	21.643	228	455481	42.563	ng	98
82) 3,3'-Dichlorobenzidine	21.560	252	106566	34.106	ng	99
83) Chrysene	21.713	228	439714	42.985	ng	96
84) Bis(2-ethylhexyl)phtha...	21.537	149	264854	43.855	ng	96
85) Di-n-octyl phthalate	22.747	149	442114	43.334	ng	98
87) Indeno(1,2,3-cd)pyrene	28.598	276	549826	44.766	ng	98
88) Benzo(b)fluoranthene	23.869	252	469149	42.003	ng	# 94
89) Benzo(k)fluoranthene	23.940	252	459514	44.105	ng	# 99
90) Benzo(a)pyrene	24.744	252	453099	44.824	ng	# 97
91) Dibenzo(a,h)anthracene	28.657	278	464139	44.845	ng	# 96
92) Benzo(g,h,i)perylene	29.761	276	453762	44.751	ng	99

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

