

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056287.D
 Acq On : 13 Jan 2023 21:22
 Operator : CG/JU
 Sample : 01124-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-CMSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/16/2023
 Supervised By : Jagrut Upadhyay 01/16/2023

Quant Time: Jan 16 00:25:19 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jan 12 03:38:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	45477	20.000	ng	0.00
21) Naphthalene-d8	11.152	136	173974	20.000	ng	0.00
39) Acenaphthene-d10	14.930	164	139724	20.000	ng	0.00
64) Phenanthrene-d10	17.668	188	369797	20.000	ng	0.00
76) Chrysene-d12	21.963	240	358696	20.000	ng	# 0.00
86) Perylene-d12	25.412	264	397687	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.841	112	363846	142.852	ng	0.02
7) Phenol-d6	7.456	99	479281	122.531	ng	0.00
23) Nitrobenzene-d5	9.495	82	290438	85.394	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	252108	142.468	ng	0.00
45) 2-Fluorobiphenyl	13.561	172	911311	90.065	ng	0.00
79) Terphenyl-d14	20.241	244	1836781	91.715	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.661	88	46030	39.566	ng	# 82
3) Pyridine	4.084	79	122612	34.603	ng	97
4) n-Nitrosodimethylamine	3.978	42	29378	40.758	ng	# 89
6) Aniline	7.633	93	140025	27.298	ng	98
8) 2-Chlorophenol	7.879	128	124668	49.187	ng	94
9) Benzaldehyde	7.445	77	57606	24.769	ng	97
10) Phenol	7.486	94	165068	41.612	ng	95
11) bis(2-Chloroethyl)ether	7.721	93	116259	43.248	ng	95
12) 1,3-Dichlorobenzene	8.208	146	144648	46.892	ng	95
13) 1,4-Dichlorobenzene	8.355	146	145654	47.021	ng	96
14) 1,2-Dichlorobenzene	8.678	146	142024	47.518	ng	98
15) Benzyl Alcohol	8.549	79	121104	42.541	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.843	45	22411	47.177	ng	86
17) 2-Methylphenol	8.749	107	122002	41.914	ng	96
18) Hexachloroethane	9.419	117	46170	49.064	ng	94
19) n-Nitroso-di-n-propyla...	9.119	70	90123	37.890	ng	97
20) 3+4-Methylphenols	9.078	107	168056	41.066	ng	97
22) Acetophenone	9.143	105	206944	42.069	ng	# 100
24) Nitrobenzene	9.536	77	139980	41.530	ng	97
25) Isophorone	10.053	82	277654	38.800	ng	97
26) 2-Nitrophenol	10.253	139	78932	45.770	ng	95
27) 2,4-Dimethylphenol	10.294	122	138641	44.077	ng	94
28) bis(2-Chloroethoxy)met...	10.529	93	157840	42.438	ng	98
29) 2,4-Dichlorophenol	10.788	162	160293	46.095	ng	98
30) 1,2,4-Trichlorobenzene	11.011	180	175676	44.517	ng	98
31) Naphthalene	11.199	128	399007	43.579	ng	98
32) Benzoic acid	10.371	122	18639m	7.987	ng	
33) 4-Chloroaniline	11.299	127	33663	7.701	ng	# 93
34) Hexachlorobutadiene	11.475	225	122513	43.166	ng	96
35) Caprolactam	12.063	113	41758m	35.468	ng	
36) 4-Chloro-3-methylphenol	12.392	107	153422	43.479	ng	99
37) 2-Methylnaphthalene	12.780	142	310368	40.146	ng	98
38) 1-Methylnaphthalene	12.997	142	287797	40.088	ng	99
40) 1,2,4,5-Tetrachloroben...	13.144	216	239950	45.820	ng	100
41) Hexachlorocyclopentadiene	13.120	237	248982	83.393	ng	97
43) 2,4,6-Trichlorophenol	13.373	196	162252	46.855	ng	97

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44) 2,4,5-Trichlorophenol	13.449	196	175569	42.861	ng	99
46) 1,1'-Biphenyl	13.767	154	458054	45.775	ng	99
47) 2-Chloronaphthalene	13.820	162	367669	46.550	ng	97
48) 2-Nitroaniline	14.013	65	76705	45.581	ng	96
49) Acenaphthylene	14.660	152	570560	44.391	ng	98
50) Dimethylphthalate	14.372	163	485388	43.033	ng	98
51) 2,6-Dinitrotoluene	14.495	165	106560	44.337	ng	98
52) Acenaphthene	14.995	154	358147	42.843	ng	98
53) 3-Nitroaniline	14.824	138	61783	27.011	ng	92
54) 2,4-Dinitrophenol	15.030	184	41532	24.189	ng	96
55) Dibenzofuran	15.324	168	607265	43.898	ng	97
56) 4-Nitrophenol	15.118	139	141984	80.710	ng	91
57) 2,4-Dinitrotoluene	15.277	165	152892	45.487	ng	92
58) Fluorene	15.970	166	486291	43.705	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.547	232	170916	44.438	ng	96
60) Diethylphthalate	15.717	149	446303	42.192	ng	98
61) 4-Chlorophenyl-phenyle...	15.952	204	300096	43.219	ng	98
62) 4-Nitroaniline	15.982	138	102132	43.590	ng	95
63) Azobenzene	16.246	77	345526	42.329	ng	98
65) 4,6-Dinitro-2-methylph...	16.040	198	50038	20.084	ng	94
66) n-Nitrosodiphenylamine	16.170	169	450994	43.956	ng	97
67) 4-Bromophenyl-phenylether	16.845	248	205337	43.605	ng	96
68) Hexachlorobenzene	16.975	284	208158	47.380	ng	98
69) Atrazine	17.098	200	195307	45.931	ng	98
70) Pentachlorophenol	17.315	266	155313	46.021	ng	99
71) Phenanthrene	17.709	178	847204	44.208	ng	99
72) Anthracene	17.803	178	869526	43.984	ng	99
73) Carbazole	18.062	167	744944	44.830	ng	98
74) Di-n-butylphthalate	18.596	149	753150	45.467	ng	99
75) Fluoranthene	19.701	202	1073012	42.924	ng	99
77) Benzidine	19.865	184	212792	16.928	ng	98
78) Pyrene	20.059	202	1092560	43.214	ng	98
80) Butylbenzylphthalate	20.917	149	328150	45.241	ng	99
81) Benzo(a)anthracene	21.939	228	1099378	43.637	ng	99
82) 3,3'-Dichlorobenzidine	21.840	252	247248	27.262	ng	100
83) Chrysene	22.016	228	1022246	43.317	ng	99
84) Bis(2-ethylhexyl)phtha...	21.804	149	469267	44.906	ng	98
85) Di-n-octyl phthalate	23.091	149	795476	45.092	ng	100
87) Indeno(1,2,3-cd)pyrene	29.378	276	1310034	45.295	ng	# 99
88) Benzo(b)fluoranthene	24.313	252	1153104	45.636	ng	99
89) Benzo(k)fluoranthene	24.384	252	1129391	44.886	ng	99
90) Benzo(a)pyrene	25.247	252	1024911	41.587	ng	98
91) Dibenzo(a,h)anthracene	29.442	278	1094135	45.122	ng	99
92) Benzo(g,h,i)perylene	30.629	276	1055945	44.906	ng	97

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

