

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058614.D
 Acq On : 4 Aug 2023 16:50
 Operator : MA/JU
 Sample : 03657-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MSD

Quant Time: Aug 04 17:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	51102	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	223947	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	155384	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	362764	20.000	ng	0.00
76) Chrysene-d12	21.451	240	311373	20.000	ng	0.00
86) Perylene-d12	24.518	264	398422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	328373	98.216	ng	0.00
7) Phenol-d6	6.986	99	457523	98.345	ng	0.00
23) Nitrobenzene-d5	8.977	82	274849	60.291	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	226764	89.037	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	616205	59.430	ng	0.00
79) Terphenyl-d14	19.823	244	1060165	64.028	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.266	88	54254	33.488	ng	96
3) Pyridine	3.660	79	135635	30.708	ng	98
4) n-Nitrosodimethylamine	3.584	42	75865	40.537	ng	100
6) Aniline	7.138	93	134565	23.493	ng	98
8) 2-Chlorophenol	7.379	128	157689	48.077	ng	97
9) Benzaldehyde	6.950	77	92326	36.528	ng	99
10) Phenol	7.015	94	218626	48.108	ng	99
11) bis(2-Chloroethyl)ether	7.232	93	151505	42.288	ng	98
12) 1,3-Dichlorobenzene	7.702	146	155827	44.492	ng	100
13) 1,4-Dichlorobenzene	7.849	146	158332	45.023	ng	97
14) 1,2-Dichlorobenzene	8.167	146	155774	46.331	ng	99
15) Benzyl Alcohol	8.055	79	144146	48.857	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.337	45	260418	44.747	ng	99
17) 2-Methylphenol	8.261	107	146699	44.149	ng	99
18) Hexachloroethane	8.889	117	58231	45.557	ng	93
19) n-Nitroso-di-n-propyla...	8.619	70	123253	41.016	ng	100
20) 3+4-Methylphenols	8.590	107	204463	45.490	ng	100
22) Acetophenone	8.637	105	245554	40.950	ng	# 99
24) Nitrobenzene	9.018	77	190955	41.203	ng	97
25) Isophorone	9.536	82	363249	38.565	ng	99
26) 2-Nitrophenol	9.729	139	86982	43.116	ng	97
27) 2,4-Dimethylphenol	9.794	122	144627	43.220	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	209087	40.790	ng	99
29) 2,4-Dichlorophenol	10.270	162	158971	45.754	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	173164	43.217	ng	100
31) Naphthalene	10.664	128	486695	41.234	ng	99
32) Benzoic acid	9.953	122	113113	44.632	ng	95
33) 4-Chloroaniline	10.781	127	107179	21.492	ng	95
34) Hexachlorobutadiene	10.946	225	106209	41.159	ng	99
35) Caprolactam	11.568	113	55325m	43.120	ng	
36) 4-Chloro-3-methylphenol	11.915	107	190138	44.239	ng	97
37) 2-Methylnaphthalene	12.279	142	343021	40.627	ng	98
38) 1-Methylnaphthalene	12.497	142	320729	39.962	ng	99
40) 1,2,4,5-Tetrachloroben...	12.650	216	202757	42.503	ng	100
41) Hexachlorocyclopentadiene	12.626	237	121495	56.976	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	144502	44.040	ng	95

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44) 2,4,5-Trichlorophenol	12.973	196	158799	41.089	ng	99
46) 1,1'-Biphenyl	13.290	154	446056	41.801	ng	100
47) 2-Chloronaphthalene	13.337	162	360902	43.376	ng	99
48) 2-Nitroaniline	13.543	65	138894	43.736	ng	98
49) Acenaphthylene	14.183	152	583518	41.889	ng	100
50) Dimethylphthalate	13.919	163	522819	44.801	ng	99
51) 2,6-Dinitrotoluene	14.042	165	107320	41.913	ng	95
52) Acenaphthene	14.524	154	337968	41.989	ng	98
53) 3-Nitroaniline	14.371	138	79560	31.056	ng	100
54) 2,4-Dinitrophenol	14.588	184	56635	43.050	ng	98
55) Dibenzofuran	14.859	168	569336	41.164	ng	100
56) 4-Nitrophenol	14.694	139	171432	89.880	ng	98
57) 2,4-Dinitrotoluene	14.835	165	150461	42.385	ng	99
58) Fluorene	15.511	166	453897	41.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.088	232	144577	43.840	ng	98
60) Diethylphthalate	15.282	149	476116	40.048	ng	100
61) 4-Chlorophenyl-phenyle...	15.499	204	251287	41.023	ng	100
62) 4-Nitroaniline	15.540	138	102389	42.191	ng	97
63) Azobenzene	15.793	77	478481	40.862	ng	99
65) 4,6-Dinitro-2-methylph...	15.599	198	66236	33.114	ng	96
66) n-Nitrosodiphenylamine	15.722	169	398205	42.175	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	171249	41.621	ng	97
68) Hexachlorobenzene	16.516	284	193297	44.334	ng	99
69) Atrazine	16.668	200	162797	51.077	ng	100
70) Pentachlorophenol	16.862	266	201888	76.502	ng	98
71) Phenanthrene	17.250	178	715000	41.560	ng	99
72) Anthracene	17.338	178	730416	41.377	ng	100
73) Carbazole	17.614	167	680320	43.704	ng	99
74) Di-n-butylphthalate	18.167	149	842406	43.205	ng	99
75) Fluoranthene	19.265	202	855068	41.377	ng	99
77) Benzidine	19.447	184	221511	46.914	ng	96
78) Pyrene	19.624	202	886920	41.854	ng	99
80) Butylbenzylphthalate	20.511	149	374944	43.076	ng	99
81) Benzo(a)anthracene	21.427	228	911945	42.558	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	244801	33.788	ng	100
83) Chrysene	21.492	228	842807	41.022	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	547379	43.034	ng	98
85) Di-n-octyl phthalate	22.485	149	969206	43.340	ng	100
87) Indeno(1,2,3-cd)pyrene	28.026	276	1117494	42.160	ng	# 88
88) Benzo(b)fluoranthene	23.549	252	968802	44.832	ng	100
89) Benzo(k)fluoranthene	23.613	252	958189	44.138	ng	100
90) Benzo(a)pyrene	24.377	252	859676	40.509	ng	98
91) Dibenzo(a,h)anthracene	28.067	278	939585	42.871	ng	99
92) Benzo(g,h,i)perylene	29.107	276	826032	37.586	ng	97

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

