

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072722\
 Data File : BG054417.D
 Acq On : 27 Jul 2022 15:39
 Operator : CG/JU
 Sample : N3891-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 7897-WMSD

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Jul 28 04:33:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 04:30:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/28/2022
1) 1,4-Dichlorobenzene-d4	7.982	152	14773	20.000	ng	0.00	Supervised By : Jagrut padhyay
21) Naphthalene-d8	10.796	136	59703	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.621	164	50411	20.000	ng	0.00	
64) Phenanthrene-d10	17.371	188	133934	20.000	ng	# 0.00	
76) Chrysene-d12	21.637	240	145656	20.000	ng	# 0.00	
86) Perylene-d12	24.827	264	157922	20.000	ng	0.00	07/28/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	91615	129.480	ng	0.00	
7) Phenol-d6	7.171	99	126981	130.972	ng	0.00	
23) Nitrobenzene-d5	9.151	82	82039	74.830	ng	0.00	
42) 2,4,6-Tribromophenol	16.114	330	124704	117.818	ng	0.00	
45) 2-Fluorobiphenyl	13.246	172	267122	74.751	ng	0.00	
79) Terphenyl-d14	19.974	244	575634	78.400	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	9396	33.379	ng	#	91
3) Pyridine	3.810	79	26517	37.134	ng		97
4) n-Nitrosodimethylamine	3.728	42	17557	43.971	ng	#	80
6) Aniline	7.306	93	36356	32.486	ng		99
8) 2-Chlorophenol	7.559	128	40481	49.784	ng		88
9) Benzaldehyde	7.118	77	18045	35.564	ng	#	80
10) Phenol	7.201	94	47679	49.497	ng		96
11) bis(2-Chloroethyl)ether	7.400	93	31525	44.885	ng		97
12) 1,3-Dichlorobenzene	7.876	146	43991	44.403	ng		91
13) 1,4-Dichlorobenzene	8.017	146	45875	44.839	ng		95
14) 1,2-Dichlorobenzene	8.340	146	44590	46.217	ng		98
15) Benzyl Alcohol	8.229	79	39022m	48.936	ng		
16) 2,2'-oxybis(1-Chloropr...	8.517	45	40451	45.730	ng		90
17) 2-Methylphenol	8.446	107	34752	50.054	ng		95
18) Hexachloroethane	9.069	117	15865	46.832	ng	#	62
19) n-Nitroso-di-n-propyla...	8.793	70	28803	44.488	ng	#	94
20) 3+4-Methylphenols	8.775	107	46511	47.544	ng		97
22) Acetophenone	8.810	105	59826	41.663	ng	#	97
24) Nitrobenzene	9.192	77	44913	41.918	ng	#	86
25) Isophorone	9.715	82	82349	43.189	ng	#	93
26) 2-Nitrophenol	9.909	139	23779	44.030	ng		91
27) 2,4-Dimethylphenol	9.974	122	38803	52.010	ng		93
28) bis(2-Chloroethoxy)met...	10.197	93	46577	48.434	ng		94
29) 2,4-Dichlorophenol	10.456	162	53426	47.442	ng		89
30) 1,2,4-Trichlorobenzene	10.661	180	59169	42.425	ng	#	92
31) Naphthalene	10.843	128	125922	42.016	ng		99
32) Benzoic acid	10.144	122	14934	50.043	ng	#	83
33) 4-Chloroaniline	10.955	127	35669	29.267	ng		97
34) Hexachlorobutadiene	11.131	225	52086	42.258	ng		94
35) Caprolactam	11.731	113	14039m	49.512	ng		
36) 4-Chloro-3-methylphenol	12.101	107	48965	47.795	ng	#	84
37) 2-Methylnaphthalene	12.453	142	100174	43.526	ng		96
38) 1-Methylnaphthalene	12.671	142	97157	43.323	ng		98
40) 1,2,4,5-Tetrachloroben...	12.823	216	97009	43.924	ng	#	94
41) Hexachlorocyclopentadiene	12.800	237	42576	61.551	ng		93
43) 2,4,6-Trichlorophenol	13.070	196	54846	45.608	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.152	196	59917	44.097	ng	#	90
46) 1,1'-Biphenyl	13.458	154	149343	43.303	ng		96
47) 2-Chloronaphthalene	13.505	162	123844	42.909	ng		95
48) 2-Nitroaniline	13.705	65	33578	44.578	ng		90
49) Acenaphthylene	14.345	152	185399	43.230	ng		99
50) Dimethylphthalate	14.075	163	164553	41.790	ng		99
51) 2,6-Dinitrotoluene	14.198	165	37330	43.223	ng	#	76
52) Acenaphthene	14.686	154	111789	43.046	ng		98
53) 3-Nitroaniline	14.527	138	23812	32.966	ng		92
54) 2,4-Dinitrophenol	14.756	184	36645	73.669	ng	#	77
55) Dibenzofuran	15.021	168	198135	42.879	ng		96
56) 4-Nitrophenol	14.874	139	40384	83.799	ng		93
57) 2,4-Dinitrotoluene	14.991	165	54145	43.731	ng	#	84
58) Fluorene	15.673	166	162509	42.775	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.256	232	54140	40.927	ng	#	86
60) Diethylphthalate	15.432	149	158538	41.970	ng		96
61) 4-Chlorophenyl-phenyle...	15.655	204	109854	44.051	ng	#	88
62) 4-Nitroaniline	15.691	138	30424	40.091	ng		87
63) Azobenzene	15.949	77	116092	42.535	ng		86
65) 4,6-Dinitro-2-methylph...	15.767	198	30936	37.387	ng		78
66) n-Nitrosodiphenylamine	15.873	169	146271	43.743	ng		95
67) 4-Bromophenyl-phenylether	16.548	248	81929	43.555	ng	#	92
68) Hexachlorobenzene	16.684	284	93650	43.536	ng	#	88
69) Atrazine	16.819	200	72131	48.474	ng		94
70) Pentachlorophenol	17.030	266	71128	76.412	ng		98
71) Phenanthrene	17.412	178	279067	41.840	ng		98
72) Anthracene	17.506	178	280526	42.860	ng		99
73) Carbazole	17.771	167	232154	43.082	ng		99
74) Di-n-butylphthalate	18.323	149	264594	41.609	ng	#	97
75) Fluoranthene	19.422	202	365299	40.178	ng		95
77) Benzidine	19.592	184	141716	53.722	ng		98
78) Pyrene	19.786	202	365977	43.790	ng		98
80) Butylbenzylphthalate	20.661	149	110707	42.506	ng	#	85
81) Benzo(a)anthracene	21.613	228	391113	42.300	ng		99
82) 3,3'-Dichlorobenzidine	21.525	252	91289	31.746	ng	#	98
83) Chrysene	21.678	228	359768	41.185	ng		98
84) Bis(2-ethylhexyl)phtha...	21.507	149	155524	42.200	ng	#	94
85) Di-n-octyl phthalate	22.706	149	261120	41.532	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.511	276	488063	40.625	ng	#	98
88) Benzo(b)fluoranthene	23.816	252	417986	44.755	ng	#	99
89) Benzo(k)fluoranthene	23.887	252	385441	41.469	ng	#	97
90) Benzo(a)pyrene	24.680	252	364040	45.643	ng	#	99
91) Dibenzo(a,h)anthracene	28.552	278	425503	43.072	ng	#	95
92) Benzo(g,h,i)perylene	29.651	276	418682	42.941	ng	#	93

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

