Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
Data File : BG053328.D
Acq On : 26 Apr 2022 20:09
Operator : CG/JU
Sample : N2482-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-7RMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 03:38:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	18255	20.000	ng		0.00
21) Naphthalene-d8	10.919	136	76431	20.000	ng	#	0.00
39) Acenaphthene-d10	14.731	164	67331	20.000	ng		0.00
64) Phenanthrene-d10	17.475	188	181082	20.000	ng		0.00
76) Chrysene-d12	21.757	240	179644	20.000	ng		0.00
86) Perylene-d12	25.053	264	186419	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	97043	91.125	ng		0.00
7) Phenol-d6	7.265	99	107536	65.481	ng		0.00
23) Nitrobenzene-d5	9.268	82	166505	88.455	ng		0.00
42) 2,4,6-Tribromophenol	16.218	330	152734	142.581	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	392566	80.396	ng		0.00
79) Terphenyl-d14	20.077	244	959669	90.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	14709	28.922	ng	#	91
3) Pyridine	3.952	79	22131	16.499	ng	#	81
4) n-Nitrosodimethylamine	3.864	42	20215	30.434	ng		86
6) Aniline	7.424	93	49048	25.771	ng		98
8) 2-Chlorophenol	7.670	128	54534	47.434	ng		93
9) Benzaldehyde	7.236	77	47150m	48.031	ng		
10) Phenol	7.294	94	41786	25.562	ng		89
11) bis(2-Chloroethyl)ether	7.512	93	57938	49.168	ng		89
12) 1,3-Dichlorobenzene	7.993	146	60553	45.325	ng	#	92
13) 1,4-Dichlorobenzene	8.140	146	61297m	45.005	ng		
14) 1,2-Dichlorobenzene	8.463	146	60500	46.064	ng		98
15) Benzyl Alcohol	8.340	79	63217m	43.308	ng		
16) 2,2'-oxybis(1-Chloropr...	8.628	45	90333	45.917	ng		99
17) 2-Methylphenol	8.551	107	48088	43.472	ng		98
18) Hexachloroethane	9.192	117	22239	43.543	ng		93
19) n-Nitroso-di-n-propyla...	8.904	70	58432	48.600	ng		97
20) 3+4-Methylphenols	8.875	107	64461	41.279	ng		90
22) Acetophenone	8.927	105	103453	48.789	ng	#	98
24) Nitrobenzene	9.309	77	88533	48.354	ng		92
25) Isophorone	9.832	82	170291	53.224	ng	#	98
26) 2-Nitrophenol	10.026	139	36686	47.917	ng		96
27) 2,4-Dimethylphenol	10.085	122	60653	55.315	ng		95
28) bis(2-Chloroethoxy)met...	10.308	93	88429	49.196	ng		98
29) 2,4-Dichlorophenol	10.566	162	71633	51.966	ng		99
30) 1,2,4-Trichlorobenzene	10.778	180	69604	44.614	ng		95
31) Naphthalene	10.966	128	191243	46.899	ng		99
32) Benzoic acid	10.214	122	17528m	26.334	ng		
33) 4-Chloroaniline	11.072	127	45322	25.954	ng		96
34) Hexachlorobutadiene	11.254	225	48580	41.919	ng		98
35) Caprolactam	11.835	113	12418	25.557	ng	#	80
36) 4-Chloro-3-methylphenol	12.188	107	85646	53.368	ng		93
37) 2-Methylnaphthalene	12.564	142	149269	49.470	ng		96
38) 1-Methylnaphthalene	12.781	142	144909	49.201	ng		97
40) 1,2,4,5-Tetrachloroben...	12.934	216	99064	43.320	ng		99
41) Hexachlorocyclopentadiene	12.910	237	85896	72.763	ng		93
43) 2,4,6-Trichlorophenol	13.169	196	72514	45.992	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	78081	46.473	ng		92
46) 1,1'-Biphenyl	13.562	154	214098	44.155	ng		98
47) 2-Chloronaphthalene	13.609	162	169250	43.751	ng		97
48) 2-Nitroaniline	13.809	65	73968	50.385	ng		95
49) Acenaphthylene	14.455	152	306149	50.556	ng		98
50) Dimethylphthalate	14.179	163	267082	49.594	ng		98
51) 2,6-Dinitrotoluene	14.297	165	58088	51.703	ng		86
52) Acenaphthene	14.796	154	218794m	53.278	ng		
53) 3-Nitroaniline	14.626	138	35552	29.926	ng		91
54) 2,4-Dinitrophenol	14.843	184	68023	95.156	ng	#	90
55) Dibenzofuran	15.125	168	310806	48.334	ng		99
56) 4-Nitrophenol	14.943	139	48448	53.472	ng	#	80
57) 2,4-Dinitrotoluene	15.090	165	87603	54.769	ng		89
58) Fluorene	15.777	166	260055	50.072	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.354	232	80059	49.067	ng		99
60) Diethylphthalate	15.536	149	302332	53.581	ng		99
61) 4-Chlorophenyl-phenyle...	15.759	204	139336	47.327	ng		97
62) 4-Nitroaniline	15.795	138	61307	48.905	ng	#	82
63) Azobenzene	16.053	77	278284	48.917	ng		98
65) 4,6-Dinitro-2-methylph...	15.853	198	53716	42.518	ng		95
66) n-Nitrosodiphenylamine	15.977	169	232502	44.649	ng		97
67) 4-Bromophenyl-phenylether	16.658	248	103463	44.591	ng		97
68) Hexachlorobenzene	16.787	284	117887	46.915	ng		97
69) Atrazine	16.922	200	107313	52.757	ng		96
70) Pentachlorophenol	17.134	266	128071	93.258	ng		92
71) Phenanthrene	17.516	178	469841	47.502	ng		99
72) Anthracene	17.610	178	473817	48.354	ng		98
73) Carbazole	17.874	167	438590	46.045	ng		99
74) Di-n-butylphthalate	18.420	149	506874	46.920	ng		98
75) Fluoranthene	19.525	202	607350	47.903	ng		99
77) Benzidine	19.695	184	34928	6.815	ng		99
78) Pyrene	19.883	202	617911	48.296	ng		97
80) Butylbenzylphthalate	20.758	149	224115	46.985	ng		100
81) Benzo(a)anthracene	21.740	228	597445	48.641	ng		98
82) 3,3'-Dichlorobenzidine	21.645	252	133626	29.582	ng		97
83) Chrysene	21.804	228	540512	47.416	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	318300	49.368	ng		98
85) Di-n-octyl phthalate	22.861	149	536779	49.779	ng		97
87) Indeno(1,2,3-cd)pyrene	28.836	276	656804	47.423	ng	#	97
88) Benzo(b)fluoranthene	24.007	252	626622	53.275	ng		97
89) Benzo(k)fluoranthene	24.078	252	573405	49.603	ng		99
90) Benzo(a)pyrene	24.900	252	589348	58.816	ng		97
91) Dibenzo(a,h)anthracene	28.883	278	569504	49.960	ng		97
92) Benzo(g,h,i)perylene	30.017	276	565611	50.342	ng		100

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

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