Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
Data File : BG053274.D
Acq On : 22 Apr 2022 23:30
Operator : CG/JU
Sample : N2487-10MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UST-1-WMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:16:57 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	8.111	152	24998	20.000	ng		0.00
21) Naphthalene-d8	10.919	136	105458	20.000	ng		0.00
39) Acenaphthene-d10	14.731	164	84130	20.000	ng		0.00
64) Phenanthrene-d10	17.480	188	210519	20.000	ng		0.00
76) Chrysene-d12	21.763	240	198075	20.000	ng		0.00
86) Perylene-d12	25.058	264	205143	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	156960	107.632	ng		0.00
7) Phenol-d6	7.271	99	168806	75.063	ng		0.00
23) Nitrobenzene-d5	9.274	82	251993	97.022	ng		0.00
42) 2,4,6-Tribromophenol	16.223	330	200325	149.667	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	575273	94.288	ng		0.00
79) Terphenyl-d14	20.083	244	1097370	93.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.552	88	19009	27.295	ng	#	84
3) Pyridine	3.952	79	42498	23.137	ng		96
4) n-Nitrosodimethylamine	3.864	42	32381	35.600	ng		91
6) Aniline	7.429	93	94123	36.114	ng		94
8) 2-Chlorophenol	7.676	128	83580	53.088	ng		97
9) Benzaldehyde	7.241	77	71143	52.924	ng		97
10) Phenol	7.294	94	64434	28.784	ng		90
11) bis(2-Chloroethyl)ether	7.517	93	89781	55.639	ng		92
12) 1,3-Dichlorobenzene	7.999	146	88436	48.340	ng	#	92
13) 1,4-Dichlorobenzene	8.146	146	91332	48.969	ng		97
14) 1,2-Dichlorobenzene	8.463	146	89852	49.958	ng		98
15) Benzyl Alcohol	8.346	79	88820	44.434	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.633	45	138348	51.354	ng		98
17) 2-Methylphenol	8.551	107	74245	49.013	ng		95
18) Hexachloroethane	9.197	117	33205	47.477	ng		96
19) n-Nitroso-di-n-propyla...	8.910	70	87426	53.101	ng		97
20) 3+4-Methylphenols	8.880	107	94485	44.185	ng		93
22) Acetophenone	8.927	105	153727	52.544	ng		94
24) Nitrobenzene	9.315	77	134302	53.162	ng		90
25) Isophorone	9.838	82	247089	55.971	ng		97
26) 2-Nitrophenol	10.026	139	53755	50.886	ng	#	91
27) 2,4-Dimethylphenol	10.084	122	90060	59.527	ng		94
28) bis(2-Chloroethoxy)met...	10.314	93	128195	51.689	ng		99
29) 2,4-Dichlorophenol	10.572	162	103026	54.168	ng		97
30) 1,2,4-Trichlorobenzene	10.784	180	101645	47.219	ng		95
31) Naphthalene	10.972	128	280166	49.795	ng		99
32) Benzoic acid	10.220	122	24607m	26.731	ng		
33) 4-Chloroaniline	11.071	127	68165	28.291	ng		95
34) Hexachlorobutadiene	11.259	225	71022	44.415	ng		96
35) Caprolactam	11.853	113	10706m	15.969	ng		
36) 4-Chloro-3-methylphenol	12.193	107	117989	53.285	ng		95
37) 2-Methylnaphthalene	12.569	142	212931	51.145	ng		97
38) 1-Methylnaphthalene	12.787	142	205921m	50.672	ng		
40) 1,2,4,5-Tetrachloroben...	12.939	216	138947	48.628	ng		99
41) Hexachlorocyclopentadiene	12.916	237	127913	86.719	ng		91
43) 2,4,6-Trichlorophenol	13.174	196	100236	50.880	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	106398	50.682	ng		98
46) 1,1'-Biphenyl	13.568	154	304981	50.339	ng		97
47) 2-Chloronaphthalene	13.615	162	237612	49.158	ng		94
48) 2-Nitroaniline	13.815	65	98226	53.548	ng		93
49) Acenaphthylene	14.455	152	414006	54.715	ng		98
50) Dimethylphthalate	14.185	163	347429	51.631	ng		99
51) 2,6-Dinitrotoluene	14.302	165	76455	54.463	ng	#	84
52) Acenaphthene	14.796	154	306823m	59.795	ng		
53) 3-Nitroaniline	14.631	138	49669	33.461	ng		91
54) 2,4-Dinitrophenol	14.843	184	99185	111.043	ng	#	88
55) Dibenzofuran	15.131	168	408566	50.850	ng		98
56) 4-Nitrophenol	14.948	139	71236	62.924	ng	#	82
57) 2,4-Dinitrotoluene	15.089	165	111181	55.630	ng		90
58) Fluorene	15.777	166	340891	52.531	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.360	232	106448	52.213	ng		98
60) Diethylphthalate	15.542	149	360255	51.098	ng		99
61) 4-Chlorophenyl-phenyle...	15.765	204	187079	50.855	ng		99
62) 4-Nitroaniline	15.794	138	77180	49.274	ng	#	75
63) Azobenzene	16.059	77	357010	50.224	ng		97
65) 4,6-Dinitro-2-methylph...	15.859	198	69399	47.251	ng		94
66) n-Nitrosodiphenylamine	15.982	169	299939	49.545	ng		100
67) 4-Bromophenyl-phenylether	16.658	248	138074	51.186	ng		95
68) Hexachlorobenzene	16.787	284	149431	51.153	ng		96
69) Atrazine	16.928	200	133894	56.621	ng		96
70) Pentachlorophenol	17.134	266	172311	107.928	ng		92
71) Phenanthrene	17.521	178	586666	51.019	ng		99
72) Anthracene	17.615	178	583978	51.263	ng		99
73) Carbazole	17.880	167	535585	48.366	ng		99
74) Di-n-butylphthalate	18.426	149	624397	49.717	ng		98
75) Fluoranthene	19.531	202	722069	48.988	ng		98
77) Benzidine	19.701	184	191977	33.970	ng		97
78) Pyrene	19.889	202	735595	52.144	ng		99
80) Butylbenzylphthalate	20.764	149	272687	51.849	ng		98
81) Benzo(a)anthracene	21.745	228	714589	52.765	ng		99
82) 3,3'-Dichlorobenzidine	21.651	252	187504	37.647	ng		98
83) Chrysene	21.810	228	656394	52.224	ng		99
84) Bis(2-ethylhexyl)phtha...	21.634	149	382067	53.744	ng		99
85) Di-n-octyl phthalate	22.867	149	642237	54.017	ng		97
87) Indeno(1,2,3-cd)pyrene	28.841	276	796511	52.261	ng	#	96
88) Benzo(b)fluoranthene	24.013	252	747265	57.734	ng		98
89) Benzo(k)fluoranthene	24.083	252	701527	55.148	ng		98
90) Benzo(a)pyrene	24.906	252	703839	63.831	ng		97
91) Dibenzo(a,h)anthracene	28.906	278	687272	54.788	ng		98
92) Benzo(g,h,i)perylene	30.028	276	698200	56.471	ng		98

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

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