Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061521\
Data File : BG048981.D
Acq On : 15 Jun 2021 17:19
Operator : CG/JU
Sample : M2672-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-B6(80-84)MSD

Manual Integrations APPROVED
mohammad
6/16/2021 3:53:22 PM

Quant Time: Jun 15 18:38:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 16:03:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.119	152	35230	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	140214	20.000	ng	#	0.00
39) Acenaphthene-d10	14.759	164	105543	20.000	ng		0.00
64) Phenanthrene-d10	17.508	188	249792	20.000	ng	#	0.00
76) Chrysene-d12	21.803	240	242035	20.000	ng		-0.01
86) Perylene-d12	25.141	264	255966	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.669	112	373009	164.818	ng		0.00
7) Phenol-d6	7.273	99	484945	142.966	ng		0.00
23) Nitrobenzene-d5	9.283	82	334900	102.991	ng		0.00
42) 2,4,6-Tribromophenol	16.251	330	220780	141.192	ng		0.00
45) 2-Fluorobiphenyl	13.384	172	661889	88.592	ng		0.00
79) Terphenyl-d14	20.117	244	1287867	97.449	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.537	88	43538	39.406	ng	#	80
3) Pyridine	3.942	79	104205	34.767	ng	#	87
4) n-Nitrosodimethylamine	3.854	42	80822	56.310	ng	#	79
6) Aniline	7.432	93	176964	41.427	ng	#	91
8) 2-Chlorophenol	7.679	128	126197	50.591	ng		81
9) Benzaldehyde	7.244	77	108651	61.902	ng	#	87
10) Phenol	7.297	94	177944	50.779	ng		92
11) bis(2-Chloroethyl)ether	7.526	93	119182	45.839	ng	#	79
12) 1,3-Dichlorobenzene	8.002	146	134200	48.160	ng		99
13) 1,4-Dichlorobenzene	8.155	146	135930	48.928	ng		98
14) 1,2-Dichlorobenzene	8.472	146	134621	50.371	ng		93
15) Benzyl Alcohol	8.354	79	149372	48.083	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.642	45	229384	46.627	ng		81
17) 2-Methylphenol	8.560	107	117602	51.174	ng		96
18) Hexachloroethane	9.206	117	55075	49.416	ng		94
19) n-Nitroso-di-n-propyla...	8.924	70	116786	44.047	ng	#	96
20) 3+4-Methylphenols	8.889	107	160918	51.215	ng		97
22) Acetophenone	8.942	105	218334	51.182	ng	#	95
24) Nitrobenzene	9.324	77	177001	48.323	ng		99
25) Isophorone	9.853	82	305326	43.100	ng	#	97
26) 2-Nitrophenol	10.041	139	68098	54.808	ng		93
27) 2,4-Dimethylphenol	10.099	122	128718	57.139	ng		97
28) bis(2-Chloroethoxy)met...	10.334	93	168749	51.443	ng		95
29) 2,4-Dichlorophenol	10.587	162	132977	52.616	ng		95
30) 1,2,4-Trichlorobenzene	10.799	180	142371	49.135	ng		93
31) Naphthalene	10.987	128	397585	47.597	ng		98
32) Benzoic acid	10.252	122	94899	64.495	ng	#	77
33) 4-Chloroaniline	11.092	127	68981	19.449	ng		97
34) Hexachlorobutadiene	11.275	225	101959	49.371	ng		96
35) Caprolactam	11.874	113	48629m	66.564	ng		
36) 4-Chloro-3-methylphenol	12.215	107	160448	51.940	ng	#	87
37) 2-Methylnaphthalene	12.591	142	299544	47.476	ng		95
38) 1-Methylnaphthalene	12.808	142	278556	47.026	ng		91
40) 1,2,4,5-Tetrachloroben...	12.955	216	162354	48.444	ng		97
41) Hexachlorocyclopentadiene	12.937	237	263149	122.142	ng		93
43) 2,4,6-Trichlorophenol	13.190	196	121828	54.329	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.272	196	134862	58.162	ng		89
46) 1,1'-Biphenyl	13.595	154	379780	48.807	ng		98
47) 2-Chloronaphthalene	13.636	162	303642	48.866	ng		99
48) 2-Nitroaniline	13.836	65	125979	53.705	ng		93
49) Acenaphthylene	14.483	152	505761	48.844	ng		96
50) Dimethylphthalate	14.212	163	421572	51.278	ng		100
51) 2,6-Dinitrotoluene	14.330	165	89065	53.197	ng		97
52) Acenaphthene	14.823	154	311628	46.693	ng		93
53) 3-Nitroaniline	14.659	138	58551	34.542	ng	#	79
54) 2,4-Dinitrophenol	14.859	184	102478	132.139	ng		94
55) Dibenzofuran	15.158	168	487402	46.982	ng		99
56) 4-Nitrophenol	14.976	139	159950	115.745	ng		89
57) 2,4-Dinitrotoluene	15.111	165	132294	64.329	ng		96
58) Fluorene	15.810	166	409857	48.314	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.381	232	122654	52.258	ng		100
60) Diethylphthalate	15.575	149	453573	50.939	ng		97
61) 4-Chlorophenyl-phenyle...	15.799	204	222786	50.224	ng		96
62) 4-Nitroaniline	15.822	138	94837	55.323	ng		85
63) Azobenzene	16.092	77	475559	46.678	ng		88
65) 4,6-Dinitro-2-methylph...	15.875	198	70522	59.536	ng		87
66) n-Nitrosodiphenylamine	16.010	169	364538	46.829	ng		97
67) 4-Bromophenyl-phenylether	16.692	248	152439	48.875	ng		96
68) Hexachlorobenzene	16.815	284	168195	49.755	ng		99
69) Atrazine	16.962	200	159005	63.636	ng		97
70) Pentachlorophenol	17.156	266	211968	104.336	ng		96
71) Phenanthrene	17.555	178	678946	48.306	ng		99
72) Anthracene	17.644	178	689253	48.802	ng		97
73) Carbazole	17.914	167	649933	48.008	ng		98
74) Di-n-butylphthalate	18.466	149	779820	51.357	ng		98
75) Fluoranthene	19.559	202	825873	48.727	ng		97
77) Benzidine	19.735	184	489448	100.383	ng		97
78) Pyrene	19.923	202	827648	47.113	ng		97
80) Butylbenzylphthalate	20.805	149	340407	51.358	ng		98
81) Benzo(a)anthracene	21.780	228	822988	47.358	ng		99
82) 3,3'-Dichlorobenzidine	21.692	252	196537	35.366	ng		98
83) Chrysene	21.850	228	797137	47.841	ng		95
84) Bis(2-ethylhexyl)phtha...	21.686	149	517621	54.788	ng		96
85) Di-n-octyl phthalate	22.943	149	843119	52.618	ng		95
87) Indeno(1,2,3-cd)pyrene	28.966	276	1024956	53.207	ng	#	97
88) Benzo(b)fluoranthene	24.077	252	880796	48.271	ng	#	96
89) Benzo(k)fluoranthene	24.154	252	847704	48.965	ng	#	99
90) Benzo(a)pyrene	24.982	252	860707	51.675	ng	#	96
91) Dibenzo(a,h)anthracene	29.036	278	857735	53.277	ng	#	95
92) Benzo(g,h,i)perylene	30.170	276	859958	52.971	ng	#	98

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

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