Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
Data File : BG048342.D
Acq On : 5 Mar 2021 17:45
Operator : CG/JU
Sample : M1552-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
24368MS

Manual Integrations APPROVED
mohammad
3/8/2021 9:34:36 AM

Quant Time: Mar 06 01:00:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 16:23:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	28292	20.00	ng	#	0.00
21) Naphthalene-d8	10.887	136	117403	20.00	ng	#	0.00
39) Acenaphthene-d10	14.706	164	93639	20.00	ng		0.00
64) Phenanthrene-d10	17.456	188	231451	20.00	ng	#	0.00
76) Chrysene-d12	21.727	240	253222	20.00	ng	#	0.00
86) Perylene-d12	24.982	264	254617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.658	112	238114	143.26	ng		0.00
7) Phenol-d6	7.285	99	327643	129.75	ng		0.00
23) Nitrobenzene-d5	9.248	82	267472	96.37	ng		0.00
42) 2,4,6-Tribromophenol	16.204	330	197085	131.59	ng		0.00
45) 2-Fluorobiphenyl	13.325	172	582409	87.20	ng		0.00
79) Terphenyl-d14	20.053	244	1156235	83.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.496	88	27421	36.00	ng	#	40
3) Pyridine	3.907	79	83557	39.68	ng	#	93
4) n-Nitrosodimethylamine	3.813	42	65439	58.54	ng	#	57
6) Aniline	7.403	93	61346	20.33	ng	#	88
8) 2-Chlorophenol	7.650	128	96423	52.82	ng		85
9) Benzaldehyde	7.209	77	36156	20.21	ng	#	75
10) Phenol	7.315	94	139385	54.59	ng	#	65
11) bis(2-Chloroethyl)ether	7.491	93	93770	47.14	ng		91
12) 1,3-Dichlorobenzene	7.955	146	94813	44.96	ng	#	85
13) 1,4-Dichlorobenzene	8.108	146	98306	46.22	ng	#	93
14) 1,2-Dichlorobenzene	8.425	146	94451	46.70	ng	#	94
15) Benzyl Alcohol	8.331	79	125357	56.33	ng	#	80
16) 2,2'-oxybis(1-Chloropr...	8.602	45	131932	51.15	ng		95
17) 2-Methylphenol	8.560	107	91067	54.70	ng	#	78
18) Hexachloroethane	9.148	117	39608	48.85	ng		90
19) n-Nitroso-di-n-propyla...	8.884	70	102371	52.52	ng	#	91
20) 3+4-Methylphenols	8.889	107	122617	52.85	ng	#	49
22) Acetophenone	8.901	105	169945	50.42	ng	#	79
24) Nitrobenzene	9.289	77	147901	49.94	ng	#	81
25) Isophorone	9.806	82	256180	46.54	ng	#	90
26) 2-Nitrophenol	10.006	139	58366	47.65	ng	#	57
27) 2,4-Dimethylphenol	10.082	122	94183	53.41	ng	#	83
28) bis(2-Chloroethoxy)met...	10.288	93	135912	50.51	ng	#	97
29) 2,4-Dichlorophenol	10.564	162	113060	50.14	ng		96
30) 1,2,4-Trichlorobenzene	10.746	180	117445	45.81	ng		97
31) Naphthalene	10.940	128	291779	45.02	ng		99
32) Benzoic acid	10.270	122	34576	28.26	ng	#	59
33) 4-Chloroaniline	11.075	127	13098	4.66	ng	#	78
34) Hexachlorobutadiene	11.204	225	88595	46.20	ng		97
35) Caprolactam	11.851	113	30613m	40.98	ng		
36) 4-Chloro-3-methylphenol	12.221	107	127543	51.16	ng	#	82
37) 2-Methylnaphthalene	12.538	142	225990	44.85	ng	#	88
38) 1-Methylnaphthalene	12.756	142	220453	46.25	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.902	216	159623	47.73	ng	#	97
41) Hexachlorocyclopentadiene	12.873	237	202263	99.17	ng		99
43) 2,4,6-Trichlorophenol	13.161	196	111823	46.53	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	117797	45.44	ng	#	91
46) 1,1'-Biphenyl	13.537	154	314309	46.85	ng		100
47) 2-Chloronaphthalene	13.590	162	257532	45.11	ng		97
48) 2-Nitroaniline	13.813	65	112814	55.05	ng	#	68
49) Acenaphthylene	14.430	152	396129	44.86	ng		98
50) Dimethylphthalate	14.160	163	403855	51.58	ng		99
51) 2,6-Dinitrotoluene	14.295	165	78423	44.57	ng	#	42
52) Acenaphthene	14.771	154	241347	40.37	ng		97
53) 3-Nitroaniline	14.642	138	22086	12.78	ng	#	69
54) 2,4-Dinitrophenol	14.853	184	101332	88.47	ng	#	56
55) Dibenzofuran	15.106	168	413868	44.27	ng		92
56) 4-Nitrophenol	15.006	139	95957	67.74	ng	#	17
57) 2,4-Dinitrotoluene	15.088	165	113537	44.67	ng	#	53
58) Fluorene	15.752	166	335723	45.27	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.352	232	110399	42.53	ng	#	93
60) Diethylphthalate	15.517	149	380786	47.57	ng		95
61) 4-Chlorophenyl-phenyle...	15.740	204	211522	47.36	ng		98
62) 4-Nitroaniline	15.811	138	68690	38.22	ng	#	44
63) Azobenzene	16.034	77	390176	48.84	ng		84
65) 4,6-Dinitro-2-methylph...	15.858	198	78588	46.78	ng	#	78
66) n-Nitrosodiphenylamine	15.964	169	314367	46.96	ng		100
67) 4-Bromophenyl-phenylether	16.633	248	142495	48.02	ng		95
68) Hexachlorobenzene	16.757	284	149508	48.84	ng	#	92
69) Atrazine	16.915	200	119921	43.08	ng		97
70) Pentachlorophenol	17.121	266	125920	62.55	ng		93
71) Phenanthrene	17.497	178	595792	47.40	ng		97
72) Anthracene	17.585	178	607707	48.69	ng		96
73) Carbazole	17.873	167	545453	46.21	ng		97
74) Di-n-butylphthalate	18.396	149	654716	50.05	ng	#	96
75) Fluoranthene	19.501	202	792056	48.41	ng		95
77) Benzidine	19.683	184	171325	20.71	ng		98
78) Pyrene	19.859	202	790654	44.71	ng		97
80) Butylbenzylphthalate	20.734	149	290743	46.94	ng	#	87
81) Benzo(a)anthracene	21.704	228	801666	45.38	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	111002	17.54	ng	#	94
83) Chrysene	21.774	228	770869	45.68	ng		99
84) Bis(2-ethylhexyl)phtha...	21.586	149	418809	48.13	ng		94
85) Di-n-octyl phthalate	22.803	149	715228	48.28	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.719	276	930652	48.24	ng	#	86
88) Benzo(b)fluoranthene	23.948	252	817467	46.43	ng	#	96
89) Benzo(k)fluoranthene	24.019	252	798843	47.57	ng	#	96
90) Benzo(a)pyrene	24.835	252	747707	45.79	ng	#	96
91) Dibenzo(a,h)anthracene	28.784	278	775568	47.12	ng	#	94
92) Benzo(g,h,i)perylene	29.888	276	755065	47.21	ng	#	91

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

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