Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024670.D
Acq On : 30 Jan 2020 22:07
Operator : CG/JU
Sample : L1318-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Manual Integrations APPROVED
mohammad
2/3/2020 7:55:41 AM

Quant Time: Jan 31 00:12:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	171248	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	612196	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	392217	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	870637	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1020621	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1297062	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	874874	97.16	ng	-0.01
7) Phenol-d6	6.63	99	1082301	87.25	ng	-0.02
23) Nitrobenzene-d5	8.57	82	692485	55.47	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	642146	100.65	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1885507	65.36	ng	-0.02
79) Terphenyl-d14	19.49	244	3438579	62.90	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	138458	38.871	ng	91
3) Pyridine	3.44	79	354991	34.378	ng	94
4) n-Nitrosodimethylamine	3.35	42	163709	35.718	ng	86
6) Aniline	6.77	93	341473	22.613	ng	96
8) 2-Chlorophenol	7.00	128	493711	48.163	ng	91
9) Benzaldehyde	6.58	77	215774	29.439	ng	95
10) Phenol	6.66	94	551059	44.566	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	402082	40.619	ng	95
12) 1,3-Dichlorobenzene	7.32	146	584345	46.402	ng	95
13) 1,4-Dichlorobenzene	7.46	146	587873	46.015	ng	98
14) 1,2-Dichlorobenzene	7.78	146	563885	45.726	ng	97
15) Benzyl Alcohol	7.67	79	397181	38.835	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.96	45	299591	33.060	ng	98
17) 2-Methylphenol	7.88	107	371178	42.597	ng	96
18) Hexachloroethane	8.49	117	206976	41.955	ng	93
19) n-Nitroso-di-n-propylamine	8.23	70	315001	33.822	ng	93
20) 3+4-Methylphenols	8.21	107	499085	41.377	ng	96
22) Acetophenone	8.24	105	659891	41.803	ng	96
24) Nitrobenzene	8.61	77	486918	40.703	ng	92
25) Isophorone	9.14	82	854306	40.277	ng	96
26) 2-Nitrophenol	9.31	139	276643	49.942	ng	91
27) 2,4-Dimethylphenol	9.39	122	415052	55.140	ng	93
28) bis(2-Chloroethoxy)methane	9.62	93	521692	40.262	ng	99
29) 2,4-Dichlorophenol	9.85	162	507829	49.936	ng	96
30) 1,2,4-Trichlorobenzene	10.06	180	593914	48.423	ng	97
31) Naphthalene	10.24	128	1437793	46.500	ng	100
32) Benzoic acid	9.54	122	300852m	43.692	ng	
33) 4-Chloroaniline	10.35	127	152130	11.225	ng	95
34) Hexachlorobutadiene	10.54	225	402156	47.432	ng	97
35) Caprolactam	11.12	113	140938m	43.197	ng	
36) 4-Chloro-3-methylphenol	11.50	107	449660	41.582	ng	91
37) 2-Methylnaphthalene	11.86	142	1085329	45.484	ng	98
38) 1-Methylnaphthalene	12.09	142	1029492	45.356	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	677549	48.402	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	871526	111.076	ng		99
43) 2,4,6-Trichlorophenol	12.49	196	440301	49.428	ng		99
44) 2,4,5-Trichlorophenol	12.57	196	464984	51.112	ng		95
46) 1,1'-Biphenyl	12.90	154	1401854	47.229	ng		99
47) 2-Chloronaphthalene	12.94	162	1132534	47.263	ng		96
48) 2-Nitroaniline	13.15	65	260432	35.635	ng		88
49) Acenaphthylene	13.79	152	1749913	48.782	ng		100
50) Dimethylphthalate	13.55	163	1459207	46.009	ng		99
51) 2,6-Dinitrotoluene	13.66	165	313793	46.536	ng	#	82
52) Acenaphthene	14.15	154	1036434	46.561	ng		98
53) 3-Nitroaniline	13.99	138	154695	22.119	ng		92
54) 2,4-Dinitrophenol	14.20	184	388893	96.445	ng	#	89
55) Dibenzofuran	14.49	168	1711335	47.141	ng		96
56) 4-Nitrophenol	14.32	139	551718	100.921	ng		85
57) 2,4-Dinitrotoluene	14.46	165	434288	44.939	ng	#	84
58) Fluorene	15.14	166	1356531	44.465	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	451558	48.946	ng	#	94
60) Diethylphthalate	14.94	149	1326063	41.184	ng		98
61) 4-Chlorophenyl-phenylether	15.15	204	774057	44.009	ng		96
62) 4-Nitroaniline	15.16	138	293060	37.963	ng		89
63) Azobenzene	15.43	77	1028941	37.464	ng		94
65) 4,6-Dinitro-2-methylphenol	15.23	198	273664	53.459	ng		85
66) n-Nitrosodiphenylamine	15.36	169	1216017	48.623	ng		100
67) 4-Bromophenyl-phenylether	16.03	248	508999	47.012	ng		98
68) Hexachlorobenzene	16.15	284	600644	48.343	ng		95
69) Atrazine	16.33	200	485569	50.582	ng		98
70) Pentachlorophenol	16.49	266	780234	103.096	ng		99
71) Phenanthrene	16.87	178	2235079	47.407	ng		99
72) Anthracene	16.96	178	2275170	49.319	ng		99
73) Carbazole	17.24	167	2025647	48.235	ng		99
74) Di-n-butylphthalate	17.83	149	2277066	42.413	ng		99
75) Fluoranthene	18.90	202	2858414	48.576	ng		99
77) Benzidine	19.10	184	1573760	66.211	ng		99
78) Pyrene	19.26	202	2957640	43.958	ng		99
80) Butylbenzylphthalate	20.20	149	1102069	39.035	ng		93
81) Benzo(a)anthracene	21.03	228	3275075	46.234	ng		100
82) 3,3'-Dichlorobenzidine	20.97	252	1057628	41.505	ng		99
83) Chrysene	21.08	228	3166685	46.849	ng		100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1610664	38.664	ng		98
85) Di-n-octyl phthalate	21.85	149	2950812	42.875	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	4541076	61.639	ng		98
88) Benzo(b)fluoranthene	22.53	252	3656477	43.465	ng		99
89) Benzo(k)fluoranthene	22.57	252	3723866	45.350	ng		99
90) Benzo(a)pyrene	23.06	252	3449314	45.099	ng		99
91) Dibenzo(a,h)anthracene	25.23	278	3849976	53.035	ng		99
92) Benzo(g,h,i)perylene	25.85	276	3818304	57.927	ng		97

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

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