Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018286.D
Acq On : 19 Dec 2018 00:12
Operator : JU/SJ
Sample : J6389-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS012-1824-01MS

Manual Integrations APPROVED
Sohil
12/19/2018 4:18:16 PM

Quant Time: Dec 19 03:58:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	153223	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	566140	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	253032	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	434677	20.00	ng		-0.01
76) Chrysene-d12	21.13	240	499196	20.00	ng		-0.02
87) Perylene-d12	23.29	264	568709	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	888372	96.85	ng		0.00
7) Phenol-d6	6.69	99	1154945	90.59	ng		-0.01
23) Nitrobenzene-d5	8.65	82	724803	65.67	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	267107	71.92	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1232910	63.11	ng		-0.02
79) Terphenyl-d14	19.56	244	1200763	54.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	97333	26.788	ng		99
3) Pyridine	3.50	79	278165	26.023	ng		96
4) n-Nitrosodimethylamine	3.43	42	128667	34.971	ng		97
6) Aniline	6.84	93	134049	8.382	ng		99
8) 2-Chlorophenol	7.06	128	326982	30.172	ng		98
9) Benzaldehyde	6.66	77	106211	13.668	ng		95
10) Phenol	6.72	94	484518	35.886	ng		98
11) bis(2-Chloroethyl)ether	6.94	93	307366	28.644	ng		99
12) 1,3-Dichlorobenzene	7.37	146	342069	28.266	ng		98
13) 1,4-Dichlorobenzene	7.52	146	353390	28.757	ng		98
14) 1,2-Dichlorobenzene	7.83	146	341210	28.803	ng		99
15) Benzyl Alcohol	7.75	79	297617	28.650	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.01	45	256119	26.523	ng		96
17) 2-Methylphenol	7.95	107	267183	29.637	ng		95
18) Hexachloroethane	8.53	117	133374	29.611	ng		94
19) n-Nitroso-di-n-propylamine	8.30	70	259425	27.253	ng		99
20) 3+4-Methylphenols	8.27	107	349436	27.662	ng		97
22) Acetophenone	8.32	105	483673	32.284	ng	#	99
24) Nitrobenzene	8.69	77	378638	34.333	ng		98
25) Isophorone	9.20	82	636434	34.635	ng		98
26) 2-Nitrophenol	9.39	139	163221	30.175	ng		93
27) 2,4-Dimethylphenol	9.46	122	262400	33.660	ng		95
28) bis(2-Chloroethoxy)methane	9.69	93	387901	32.384	ng		99
29) 2,4-Dichlorophenol	9.92	162	262410	30.360	ng		99
30) 1,2,4-Trichlorobenzene	10.12	180	300104	30.524	ng		94
31) Naphthalene	10.30	128	905377	32.705	ng		99
32) Benzoic acid	9.62	122	141952m	19.230	ng		
33) 4-Chloroaniline	10.45	127	60188	4.963	ng		95
34) Hexachlorobutadiene	10.57	225	184466	29.666	ng		98
35) Caprolactam	11.24	113	66172	20.091	ng		95
36) 4-Chloro-3-methylphenol	11.58	107	269360	25.935	ng		96
37) 2-Methylnaphthalene	11.93	142	607719	31.129	ng		99
38) 1-Methylnaphthalene	12.15	142	566927	29.760	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	299438	34.414	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	233914	63.271	ng		98
43) 2,4,6-Trichlorophenol	12.56	196	188407	33.666	ng		95
44) 2,4,5-Trichlorophenol	12.65	196	182390	30.699	ng		98
46) 1,1'-Biphenyl	12.97	154	718507	31.564	ng		98
47) 2-Chloronaphthalene	13.00	162	547830	32.697	ng		98
48) 2-Nitroaniline	13.24	65	161606	31.312	ng		92
49) Acenaphthylene	13.86	152	817872	32.393	ng		100
50) Dimethylphthalate	13.62	163	732768	34.834	ng		100
51) 2,6-Dinitrotoluene	13.74	165	135901	29.387	ng		90
52) Acenaphthene	14.21	154	474895	30.777	ng		100
53) 3-Nitroaniline	14.09	138	65979	13.558	ng		91
54) 2,4-Dinitrophenol	14.30	184	75315	29.524	ng		93
55) Dibenzofuran	14.55	168	739250	29.816	ng		99
56) 4-Nitrophenol	14.42	139	167697	45.449	ng		88
57) 2,4-Dinitrotoluene	14.55	165	172500	26.986	ng	#	85
58) Fluorene	15.20	166	568990	29.713	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	144837	27.069	ng	#	96
60) Diethylphthalate	15.00	149	603740	26.594	ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	294535	27.196	ng		98
62) 4-Nitroaniline	15.26	138	95791m	20.744	ng		
63) Azobenzene	15.50	77	598022	28.890	ng		99
65) 4,6-Dinitro-2-methylphenol	15.32	198	53879	16.837	ng		95
66) n-Nitrosodiphenylamine	15.43	169	475940	33.111	ng		98
67) 4-Bromophenyl-phenylether	16.10	248	164322	31.214	ng		99
68) Hexachlorobenzene	16.21	284	180598	31.314	ng		98
69) Atrazine	16.40	200	153146	31.560	ng		98
70) Pentachlorophenol	16.57	266	193086	50.694	ng		98
71) Phenanthrene	16.95	178	754684	31.964	ng		100
72) Anthracene	17.04	178	759113	32.408	ng		99
73) Carbazole	17.33	167	665878	27.697	ng		99
74) Di-n-butylphthalate	17.89	149	850885	28.684	ng		99
75) Fluoranthene	18.98	202	824165	30.023	ng		99
77) Benzidine	19.21	184	20108	1.588	ng	#	91
78) Pyrene	19.35	202	843428	28.356	ng		98
80) Butylbenzylphthalate	20.27	149	389978	27.559	ng		94
81) Benzo(a)anthracene	21.12	228	912163	31.281	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	178145	15.292	ng		97
83) Chrysene	21.17	228	873923	31.158	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	581285	27.563	ng		98
85) Di-n-octyl phthalate	21.92	149	1076153	31.158	ng		99
86) Indeno(1,2,3-cd)pyrene	25.42	276	1232758	44.122	ng		99
88) Benzo(b)fluoranthene	22.65	252	997136	31.213	ng		100
89) Benzo(k)fluoranthene	22.69	252	989918	31.115	ng		99
90) Benzo(a)pyrene	23.20	252	972758	32.016	ng		99
91) Dibenzo(a,h)anthracene	25.43	278	1060100	37.666	ng		99
92) Benzo(g,h,i)perylene	26.07	276	1024189	38.497	ng		99

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

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