Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
Data File : BM015933.D
Acq On : 13 Jul 2018 02:15
Operator : SJ/JU
Sample : J3825-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-071118-AMSD

Manual Integrations APPROVED
Sohil
7/13/2018 2:50:14 PM

Quant Time: Jul 13 03:25:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	88348	20.00	ng		-0.03
21) Naphthalene-d8	11.12	136	342187	20.00	ng		-0.03
38) Acenaphthene-d10	14.91	164	179658	20.00	ng		-0.02
63) Phenanthrene-d10	17.63	188	353399	20.00	ng		-0.02
75) Chrysene-d12	21.74	240	319790	20.00	ng		-0.02
86) Perylene-d12	24.13	264	324694	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	775439	150.52	ng		-0.02
7) Phenol-d6	7.45	99	908730	128.85	ng		-0.02
23) Nitrobenzene-d5	9.47	82	767459	109.43	ng		-0.03
41) 2,4,6-Tribromophenol	16.39	330	355698	151.52	ng		-0.02
44) 2-Fluorobiphenyl	13.53	172	1531735	105.85	ng		-0.03
78) Terphenyl-d14	20.20	244	1897452	110.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	79726	37.420	ng	#	100
3) Pyridine	4.01	79	182854	32.524	ng	#	76
4) n-Nitrosodimethylamine	3.92	42	183884	42.004	ng	#	43
6) Aniline	7.61	93	94965	11.107	ng		93
8) 2-Chlorophenol	7.85	128	276071	44.651	ng		95
9) Benzaldehyde	7.42	77	144874	32.592	ng		88
10) Phenol	7.47	94	266287	37.577	ng		95
11) bis(2-Chloroethyl)ether	7.70	93	234294	40.643	ng		88
12) 1,3-Dichlorobenzene	8.17	146	297797	43.442	ng	#	91
13) 1,4-Dichlorobenzene	8.32	146	306085	43.179	ng		95
14) 1,2-Dichlorobenzene	8.65	146	296089	43.189	ng	#	95
15) Benzyl Alcohol	8.54	79	247649	40.447	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.82	45	374064	59.416	ng		99
17) 2-Methylphenol	8.74	107	208715	42.512	ng	#	85
18) Hexachloroethane	9.37	117	127011	45.312	ng		98
19) n-Nitroso-di-n-propylamine	9.10	70	215086	37.948	ng	#	78
20) 3+4-Methylphenols	9.07	107	273925	40.167	ng		89
22) Acetophenone	9.13	105	408586	45.836	ng	#	86
24) Nitrobenzene	9.52	77	338936	49.647	ng		97
25) Isophorone	10.04	82	549334	51.318	ng	#	94
26) 2-Nitrophenol	10.23	139	141889	48.267	ng	#	60
27) 2,4-Dimethylphenol	10.27	122	234123	52.425	ng	#	84
28) bis(2-Chloroethoxy)methane	10.51	93	318755	45.706	ng		99
29) 2,4-Dichlorophenol	10.76	162	243163	49.163	ng		97
30) 1,2,4-Trichlorobenzene	10.97	180	273639	47.632	ng		94
31) Naphthalene	11.16	128	846449	47.711	ng		100
32) Benzoic acid	10.45	122	125970	31.860	ng		86
33) 4-Chloroaniline	11.29	127	40602	5.613	ng	#	86
34) Hexachlorobutadiene	11.42	225	178211	46.482	ng		97
35) Caprolactam	12.08	113	49146m	29.961	ng		
36) 4-Chloro-3-methylphenol	12.39	107	254285	44.806	ng		88
37) 2-Methylnaphthalene	12.75	142	603692	47.835	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	287483	49.857	ng	#	100
40) Hexachlorocyclopentadiene	13.07	237	284707	102.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	180728	49.584	ng		99
43) 2,4,5-Trichlorophenol	13.43	196	185864	47.205	ng	#	84
45) 1,1'-Biphenyl	13.75	154	740848	47.695	ng		99
46) 2-Chloronaphthalene	13.80	162	570622	49.133	ng	#	91
47) 2-Nitroaniline	14.01	65	183509	45.310	ng	#	79
48) Acenaphthylene	14.64	152	898988	47.584	ng		99
49) Dimethylphthalate	14.36	163	695494	43.895	ng		99
50) 2,6-Dinitrotoluene	14.50	165	143343	46.399	ng	#	75
51) Acenaphthene	14.97	154	520009	44.233	ng		97
52) 3-Nitroaniline	14.83	138	50193	14.844	ng	#	72
53) 2,4-Dinitrophenol	15.05	184	99290	65.605	ng	#	80
54) Dibenzofuran	15.30	168	824097	45.492	ng	#	85
55) 4-Nitrophenol	15.13	139	183120	73.378	ng	#	73
56) 2,4-Dinitrotoluene	15.28	165	197153	44.203	ng		99
57) Fluorene	15.94	166	654557	43.817	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	153575	46.222	ng	#	100
59) Diethylphthalate	15.70	149	712403	41.957	ng		96
60) 4-Chlorophenyl-phenylether	15.93	204	328406	42.723	ng	#	87
61) 4-Nitroaniline	15.99	138	113172	32.262	ng	#	32
62) Azobenzene	16.22	77	759183	47.699	ng		79
64) 4,6-Dinitro-2-methylphenol	16.04	198	78454	36.517	ng		87
65) n-Nitrosodiphenylamine	16.15	169	545139	45.018	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	187984	47.642	ng	#	79
67) Hexachlorobenzene	16.94	284	204843	46.458	ng	#	76
68) Atrazine	17.08	200	188495	47.324	ng		98
69) Pentachlorophenol	17.29	266	209889	76.930	ng		99
70) Phenanthrene	17.67	178	927723	45.885	ng		99
71) Anthracene	17.77	178	943586	47.523	ng		98
72) Carbazole	18.04	167	818985	44.264	ng		98
73) Di-n-butylphthalate	18.56	149	1106827	44.382	ng	#	97
74) Fluoranthene	19.66	202	983006	42.292	ng		99
76) Benzidine	19.84	184	215922	23.045	ng		98
77) Pyrene	20.02	202	990539	49.725	ng		100
79) Butylbenzylphthalate	20.86	149	480284	49.878	ng	#	80
80) Benzo(a)anthracene	21.73	228	962902	47.491	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	186087	25.544	ng		98
82) Chrysene	21.78	228	889684	47.104	ng		100
83) Bis(2-ethylhexyl)phthalate	21.61	149	681952	47.931	ng		95
84) Di-n-octyl phthalate	22.53	149	1143564	49.293	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.60	276	1111268	63.327	ng	#	93
87) Benzo(b)fluoranthene	23.41	252	957275	44.159	ng	#	96
88) Benzo(k)fluoranthene	23.46	252	894685	42.486	ng		98
89) Benzo(a)pyrene	24.03	252	907366	47.550	ng		99
90) Dibenzo(a,h)anthracene	26.60	278	954812	55.612	ng		97
91) Benzo(g,h,i)perylene	27.36	276	893833	59.251	ng	#	94

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

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