Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072618\
Data File : BM016090.D
Acq On : 27 Jul 2018 02:02
Operator : SJ/JU
Sample : IDOC-03
Misc : FOR HP
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IDOC-03

Manual Integrations APPROVED
Sohil
7/27/2018 2:05:05 PM

Quant Time: Jul 27 07:06:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	60901	20.00	ng		-0.03
21) Naphthalene-d8	11.02	136	238466	20.00	ng		-0.04
38) Acenaphthene-d10	14.83	164	145680	20.00	ng		-0.02
63) Phenanthrene-d10	17.56	188	308581	20.00	ng		-0.02
75) Chrysene-d12	21.68	240	261339	20.00	ng		-0.02
86) Perylene-d12	24.04	264	190971	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	547386	149.30	ng		-0.02
7) Phenol-d6	7.37	99	726763	151.79	ng		-0.02
23) Nitrobenzene-d5	9.39	82	522775	101.96	ng		-0.02
41) 2,4,6-Tribromophenol	16.32	330	301043	162.93	ng		-0.02
44) 2-Fluorobiphenyl	13.46	172	1155478	96.51	ng		-0.02
78) Terphenyl-d14	20.13	244	1757694	140.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	59761	34.790	ng	#	100
3) Pyridine	3.93	79	154337	37.296	ng	#	75
4) n-Nitrosodimethylamine	3.85	42	152860	47.360	ng	#	37
6) Aniline	7.53	93	138547	25.132	ng	#	89
8) 2-Chlorophenol	7.76	128	199966	45.892	ng		94
9) Benzaldehyde	7.34	77	121211	36.032	ng		88
10) Phenol	7.39	94	229370	47.909	ng		99
11) bis(2-Chloroethyl)ether	7.62	93	158256	41.842	ng		86
12) 1,3-Dichlorobenzene	8.09	146	205758	40.342	ng	#	89
13) 1,4-Dichlorobenzene	8.24	146	209456	40.492	ng	#	94
14) 1,2-Dichlorobenzene	8.56	146	203087	40.124	ng	#	94
15) Benzyl Alcohol	8.46	79	184315	48.346	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.72	45	239619	41.396	ng		99
17) 2-Methylphenol	8.66	107	158777	48.521	ng	#	82
18) Hexachloroethane	9.28	117	94764	42.381	ng		96
19) n-Nitroso-di-n-propylamine	9.02	70	152503	43.578	ng	#	73
20) 3+4-Methylphenols	8.99	107	211953	45.019	ng		87
22) Acetophenone	9.05	105	292336	48.685	ng	#	84
24) Nitrobenzene	9.43	77	241030	46.704	ng		98
25) Isophorone	9.95	82	401960	57.316	ng	#	93
26) 2-Nitrophenol	10.15	139	103987	48.268	ng	#	53
27) 2,4-Dimethylphenol	10.19	122	182793	60.902	ng	#	83
28) bis(2-Chloroethoxy)methane	10.43	93	218993	48.044	ng		99
29) 2,4-Dichlorophenol	10.67	162	184473	51.723	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	187074	43.170	ng		97
31) Naphthalene	11.07	128	570181	47.243	ng		99
32) Benzoic acid	10.39	122	121738m	53.207	ng		
33) 4-Chloroaniline	11.20	127	79856	16.214	ng	#	88
34) Hexachlorobutadiene	11.33	225	134321	44.686	ng		98
35) Caprolactam	12.02	113	53151m	53.806	ng		
36) 4-Chloro-3-methylphenol	12.31	107	214734	54.740	ng		89
37) 2-Methylnaphthalene	12.67	142	448391	55.461	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	218937	44.144	ng	#	100
40) Hexachlorocyclopentadiene	12.99	237	272520	108.879	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	152888	49.271	ng		99
43) 2,4,5-Trichlorophenol	13.35	196	160079	50.013	ng	#	81
45) 1,1'-Biphenyl	13.67	154	581379	44.221	ng		99
46) 2-Chloronaphthalene	13.72	162	447336	43.747	ng	#	90
47) 2-Nitroaniline	13.93	65	159664	47.228	ng	#	79
48) Acenaphthylene	14.56	152	748615	50.009	ng		100
49) Dimethylphthalate	14.29	163	610216	47.863	ng		99
50) 2,6-Dinitrotoluene	14.43	165	124621	48.581	ng	#	60
51) Acenaphthene	14.90	154	427671	46.453	ng		96
52) 3-Nitroaniline	14.76	138	54884	19.809	ng	#	76
53) 2,4-Dinitrophenol	14.97	184	84705	77.138	ng	#	75
54) Dibenzofuran	15.23	168	707580	46.639	ng	#	82
55) 4-Nitrophenol	15.06	139	184246	92.762	ng	#	85
56) 2,4-Dinitrotoluene	15.22	165	179656	48.981	ng	#	89
57) Fluorene	15.87	166	580359	51.478	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.46	232	140508	51.072	ng	#	100
59) Diethylphthalate	15.63	149	663493	48.283	ng		94
60) 4-Chlorophenyl-phenylether	15.86	204	288155	45.913	ng	#	84
61) 4-Nitroaniline	15.92	138	107179	40.318	ng	#	13
62) Azobenzene	16.15	77	714837	49.394	ng	#	76
64) 4,6-Dinitro-2-methylphenol	15.97	198	74461	39.755	ng	#	82
65) n-Nitrosodiphenylamine	16.08	169	491039	48.325	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	168706	48.282	ng	#	75
67) Hexachlorobenzene	16.87	284	177185	46.047	ng	#	70
68) Atrazine	17.02	200	176055	48.343	ng		97
69) Pentachlorophenol	17.22	266	192226	80.674	ng		98
70) Phenanthrene	17.60	178	846235	48.983	ng		99
71) Anthracene	17.70	178	870217	51.827	ng		98
72) Carbazole	17.97	167	749638	43.096	ng		97
73) Di-n-butylphthalate	18.49	149	1093357	50.442	ng	#	97
74) Fluoranthene	19.59	202	919858	47.732	ng		99
76) Benzidine	19.77	184	308882	42.296	ng		98
77) Pyrene	19.95	202	914981	58.423	ng		99
79) Butylbenzylphthalate	20.81	149	454742	57.157	ng	#	86
80) Benzo(a)anthracene	21.67	228	795175	49.402	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	122988	18.970	ng		98
82) Chrysene	21.72	228	723181	46.837	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	624687	54.178	ng		94
84) Di-n-octyl phthalate	22.46	149	905838	46.744	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.46	276	611571	33.378	ng	#	94
87) Benzo(b)fluoranthene	23.33	252	617902	54.954	ng	#	96
88) Benzo(k)fluoranthene	23.37	252	573230m	50.305	ng		
89) Benzo(a)pyrene	23.94	252	551800	51.049	ng		99
90) Dibenzo(a,h)anthracene	26.46	278	521035	46.525	ng	#	96
91) Benzo(g,h,i)perylene	27.20	276	497474	46.966	ng	#	92

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

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