Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011305.D
Acq On : 19 Aug 2017 01:43
Operator : SJ/JU
Sample : I4849-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CAPTAINSCOVE-WC-002MSD

Manual Integrations APPROVED

Quant Time: Aug 19 04:07:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	110748	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	416577	20.00	ng		-0.02
38) Acenaphthene-d10	13.94	164	303165	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	850170	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1125252	20.00	ng		-0.02
86) Perylene-d12	22.99	264	947504	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	877854	133.99	ng		-0.02
7) Phenol-d6	6.48	99	1181325	126.91	ng		-0.01
23) Nitrobenzene-d5	8.42	82	1233700	111.15	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	701272	144.32	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	2157432	89.25	ng		-0.02
78) Terphenyl-d14	19.37	244	4207021	74.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	110676	37.625	ng	#	100
4) n-Nitrosodimethylamine	3.21	42	199984	48.842	ng	#	71
6) Aniline	6.67	93	46716	3.982	ng	#	73
8) 2-Chlorophenol	6.85	128	250375	37.642	ng	#	62
9) Benzaldehyde	6.43	77	352392	58.510	ng	#	70
10) Phenol	6.50	94	394891	39.058	ng		87
11) bis(2-Chloroethyl)ether	6.72	93	339529	43.100	ng		84
12) 1,3-Dichlorobenzene	7.16	146	290034	35.779	ng	#	72
13) 1,4-Dichlorobenzene	7.30	146	293935	35.375	ng	#	84
14) 1,2-Dichlorobenzene	7.61	146	291297	36.667	ng	#	90
15) Benzyl Alcohol	7.52	79	415943	46.580	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.80	45	348340	49.139	ng		76
17) 2-Methylphenol	7.73	107	272855	42.227	ng	#	63
18) Hexachloroethane	8.32	117	136870	37.772	ng	#	76
19) n-Nitroso-di-n-propylamine	8.08	70	401805	50.797	ng	#	90
20) 3+4-Methylphenols	8.05	107	367776	40.945	ng	#	76
22) Acetophenone	8.09	105	543829	43.551	ng	#	85
24) Nitrobenzene	8.46	77	602479	52.382	ng	#	80
25) Isophorone	8.98	82	908187	49.075	ng	#	84
26) 2-Nitrophenol	9.16	139	148430	40.559	ng	#	1
27) 2,4-Dimethylphenol	9.24	122	262003	40.668	ng	#	64
28) bis(2-Chloroethoxy)methane	9.47	93	463925	44.947	ng	#	97
29) 2,4-Dichlorophenol	9.69	162	308970	42.679	ng		90
30) 1,2,4-Trichlorobenzene	9.89	180	383855	42.884	ng		98
31) Naphthalene	10.07	128	845691	40.354	ng		97
32) Benzoic acid	9.39	122	190297	36.749	ng	#	42
33) 4-Chloroaniline	10.25	127	65987	7.893	ng	#	67
34) Hexachlorobutadiene	10.36	225	305365	43.314	ng		97
35) Caprolactam	11.07	113	59274m	28.872	ng		
36) 4-Chloro-3-methylphenol	11.34	107	406011	43.434	ng	#	72
37) 2-Methylnaphthalene	11.70	142	680888	44.228	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	527850	40.526	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	763362	100.581	ng		97
42) 2,4,6-Trichlorophenol	12.35	196	340053	43.134	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.42	196	342384	42.167	ng	#	82
45) 1,1'-Biphenyl	12.76	154	972548	37.100	ng		93
46) 2-Chloronaphthalene	12.79	162	796967	41.263	ng	#	91
47) 2-Nitroaniline	13.02	65	381737	55.867	ng	#	56
48) Acenaphthylene	13.65	152	1185212	41.119	ng		98
49) Dimethylphthalate	13.42	163	1062149	40.955	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	228672	43.603	ng	#	39
51) Acenaphthene	14.00	154	732656	41.051	ng		94
52) 3-Nitroaniline	13.87	138	121630	26.726	ng	#	1
53) 2,4-Dinitrophenol	14.07	184	354397	95.084	ng	#	72
54) Dibenzofuran	14.34	168	1333182	46.101	ng	#	86
55) 4-Nitrophenol	14.20	139	281023	70.284	ng	#	69
56) 2,4-Dinitrotoluene	14.33	165	339430	46.103	ng	#	64
57) Fluorene	15.00	166	1100377	43.703	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	380862	50.043	ng	#	100
59) Diethylphthalate	14.80	149	1138047	42.968	ng		99
60) 4-Chlorophenyl-phenylether	15.01	204	673401	44.298	ng		99
61) 4-Nitroaniline	15.04	138	151584	31.358	ng	#	1
62) Azobenzene	15.30	77	1662570	58.651	ng		83
64) 4,6-Dinitro-2-methylphenol	15.10	198	241548	41.968	ng		89
65) n-Nitrosodiphenylamine	15.23	169	921568	37.877	ng		97
66) 4-Bromophenyl-phenylether	15.90	248	447021	40.901	ng	#	89
67) Hexachlorobenzene	16.00	284	464406	37.603	ng	#	87
68) Atrazine	16.20	200	247908	25.426	ng		96
69) Pentachlorophenol	16.36	266	658691	84.009	ng		99
70) Phenanthrene	16.74	178	1979937	44.476	ng		99
71) Anthracene	16.83	178	1982422	44.652	ng		99
72) Carbazole	17.12	167	1587379	40.884	ng		100
73) Di-n-butylphthalate	17.70	149	1954904	41.345	ng	#	96
74) Fluoranthene	18.77	202	2654865	48.124	ng		98
77) Pyrene	19.14	202	2759029	41.265	ng		99
79) Butylbenzylphthalate	20.09	149	951747	40.030	ng	#	52
80) Benzo(a)anthracene	20.91	228	2892228	45.015	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	418672	16.610	ng	#	92
82) Chrysene	20.96	228	2693265	43.669	ng		100
83) Bis(2-ethylhexyl)phthalate	20.88	149	1355314	38.749	ng	#	99
84) Di-n-octyl phthalate	21.73	149	2336093	41.152	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2966863	46.449	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2903449	47.744	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2813557	48.272	ng	#	95
89) Benzo(a)pyrene	22.91	252	2677632	48.660	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	2451079	48.049	ng	#	90
91) Benzo(g,h,i)perylene	25.61	276	2484277	49.595	ng	#	84

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

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