Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\
Data File : BM017658.D
Acq On : 14 Nov 2018 21:39
Operator : MJ/SJ
Sample : J5889-08MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WALL-DMS

Manual Integrations APPROVED
Sohil
11/15/2018 4:20:26 PM

Quant Time: Nov 15 04:14:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	226959	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	947888	20.00	ng		0.00
39) Acenaphthene-d10	14.26	164	555326	20.00	ng		0.00
64) Phenanthrene-d10	17.01	188	1280097	20.00	ng		0.00
76) Chrysene-d12	21.21	240	1307431	20.00	ng		0.00
87) Perylene-d12	23.40	264	1121544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1979524	147.20	ng		0.00
7) Phenol-d6	6.81	99	2694127	143.44	ng		0.00
23) Nitrobenzene-d5	8.77	82	1697464	92.45	ng		0.00
42) 2,4,6-Tribromophenol	15.76	330	1208159	151.41	ng		0.00
45) 2-Fluorobiphenyl	12.87	172	3790978	88.56	ng		0.00
79) Terphenyl-d14	19.66	244	5549648	96.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	188562	33.666	ng		98
3) Pyridine	3.61	79	578249	35.197	ng		98
4) n-Nitrosodimethylamine	3.53	42	322773	44.600	ng		99
6) Aniline	6.96	93	421369	18.091	ng		100
8) 2-Chlorophenol	7.19	128	729819	45.346	ng		97
9) Benzaldehyde	6.77	77	418300	30.572	ng		99
10) Phenol	6.83	94	1084312	55.000	ng		99
11) bis(2-Chloroethyl)ether	7.06	93	629603	40.455	ng		97
12) 1,3-Dichlorobenzene	7.50	146	724132	40.103	ng		97
13) 1,4-Dichlorobenzene	7.65	146	739533	39.957	ng		97
14) 1,2-Dichlorobenzene	7.96	146	725435	40.422	ng		99
15) Benzyl Alcohol	7.86	79	654023	43.724	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	939864	39.664	ng		99
17) 2-Methylphenol	8.06	107	603517	45.442	ng		99
18) Hexachloroethane	8.67	117	265866	40.757	ng		98
19) n-Nitroso-di-n-propylamine	8.42	70	546758	40.542	ng		97
20) 3+4-Methylphenols	8.39	107	829618	44.960	ng		96
22) Acetophenone	8.44	105	1064751	45.007	ng	#	99
24) Nitrobenzene	8.81	77	821349	44.090	ng		99
25) Isophorone	9.33	82	1441070	50.815	ng		100
26) 2-Nitrophenol	9.51	139	392313	45.720	ng		97
27) 2,4-Dimethylphenol	9.58	122	666087	53.862	ng		100
28) bis(2-Chloroethoxy)methane	9.82	93	903209	47.025	ng		97
29) 2,4-Dichlorophenol	10.04	162	711762	49.581	ng		99
30) 1,2,4-Trichlorobenzene	10.25	180	726928	43.538	ng		97
31) Naphthalene	10.43	128	2200044	47.206	ng		99
32) Benzoic acid	9.67	122	56392m	5.034	ng		
33) 4-Chloroaniline	10.56	127	136754	6.700	ng		99
34) Hexachlorobutadiene	10.71	225	421924	40.706	ng		99
35) Caprolactam	11.36	113	212741m	40.242	ng		
36) 4-Chloro-3-methylphenol	11.69	107	786869	47.476	ng		99
37) 2-Methylnaphthalene	12.05	142	1633787	49.601	ng		98
38) 1-Methylnaphthalene	12.27	142	1560764	48.326	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	833216	42.549	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	987602	97.600 ng	99
43) 2,4,6-Trichlorophenol	12.68	196	590432	48.137 ng	97
44) 2,4,5-Trichlorophenol	12.75	196	638942	49.335 ng	99
46) 1,1'-Biphenyl	13.09	154	2083216	41.792 ng	99
47) 2-Chloronaphthalene	13.12	162	1626427	43.959 ng	100
48) 2-Nitroaniline	13.34	65	534841	46.744 ng	99
49) Acenaphthylene	13.98	152	2696633	48.511 ng	100
50) Dimethylphthalate	13.73	163	2600265	57.592 ng	99
51) 2,6-Dinitrotoluene	13.85	165	467659	46.516 ng	98
52) Acenaphthene	14.32	154	1549232	45.412 ng	100
53) 3-Nitroaniline	14.19	138	220835	20.175 ng	96
54) 2,4-Dinitrophenol	14.39	184	191567	35.554 ng	95
55) Dibenzofuran	14.66	168	2533135	45.437 ng	98
56) 4-Nitrophenol	14.50	139	798924	86.409 ng	98
57) 2,4-Dinitrotoluene	14.64	165	666106	49.151 ng	99
58) Fluorene	15.32	166	2061107	48.292 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	593824	49.851 ng	99
60) Diethylphthalate	15.10	149	2128472	43.631 ng	99
61) 4-Chlorophenyl-phenylether	15.31	204	1040392	42.905 ng	98
62) 4-Nitroaniline	15.36	138	458550	44.450 ng	97
63) Azobenzene	15.60	77	2014612	44.672 ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	338652	38.189 ng	96
66) n-Nitrosodiphenylamine	15.53	169	1833207	44.542 ng	100
67) 4-Bromophenyl-phenylether	16.21	248	648610	42.842 ng	99
68) Hexachlorobenzene	16.32	284	717061	42.014 ng	96
69) Atrazine	16.50	200	674751	44.575 ng	98
70) Pentachlorophenol	16.66	266	917939	76.760 ng	99
71) Phenanthrene	17.06	178	3214497	46.278 ng	100
72) Anthracene	17.14	178	3261624	48.255 ng	99
73) Carbazole	17.42	167	3032302	44.396 ng	99
74) Di-n-butylphthalate	17.99	149	3540096	46.561 ng	99
75) Fluoranthene	19.08	202	3689720	46.947 ng	99
77) Benzidine	19.28	184	1718531	40.365 ng	100
78) Pyrene	19.44	202	3795338	47.048 ng	99
80) Butylbenzylphthalate	20.36	149	1604299	48.964 ng	99
81) Benzo(a)anthracene	21.20	228	3550506	47.137 ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	829884	28.547 ng	99
83) Chrysene	21.25	228	3344152	45.711 ng	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	2283613	47.146 ng	100
85) Di-n-octyl phthalate	22.00	149	3788312	48.843 ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	2899225	49.592 ng	99
88) Benzo(b)fluoranthene	22.75	252	3039102	46.270 ng	99
89) Benzo(k)fluoranthene	22.79	252	3117414	46.959 ng	99
90) Benzo(a)pyrene	23.31	252	2864458	47.830 ng	100
91) Dibenzo(a,h)anthracene	25.60	278	2471223	49.083 ng	99
92) Benzo(g,h,i)perylene	26.26	276	2363585	49.922 ng	99

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

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