Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111044.D
Acq On : 28 Nov 2018 14:38
Operator : JU/SJ
Sample : J6065-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : USTS-1-2-3MS

Manual Integrations APPROVED
mohammad
11/29/2018 1:58:16 PM

Quant Time: Nov 28 15:48:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57681	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	230462	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	110428	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	193478	20.00	ng		0.00
76) Chrysene-d12	14.13	240	113130	20.00	ng		0.00
87) Perylene-d12	15.66	264	114387	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	447073	128.53	ng		0.01
7) Phenol-d6	6.57	99	554670	122.37	ng		0.00
23) Nitrobenzene-d5	7.50	82	340710	84.61	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	130715	119.19	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	578839	75.94	ng		0.00
79) Terphenyl-d14	13.05	244	445557	76.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	44517	26.714	ng		88
3) Pyridine	3.61	79	118250	32.406	ng	#	85
4) n-Nitrosodimethylamine	3.56	42	64750	38.779	ng	#	84
6) Aniline	6.61	93	102883	18.360	ng	#	57
8) 2-Chlorophenol	6.72	128	152472	36.988	ng		99
9) Benzaldehyde	6.50	77	54382	19.220	ng		98
10) Phenol	6.58	94	211689	41.469	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	133454	34.701	ng		93
12) 1,3-Dichlorobenzene	6.87	146	152959	33.777	ng		98
13) 1,4-Dichlorobenzene	6.95	146	157654	33.854	ng		99
14) 1,2-Dichlorobenzene	7.10	146	149256	34.053	ng		98
15) Benzyl Alcohol	7.08	79	127003	36.459	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	213685	34.913	ng		94
17) 2-Methylphenol	7.19	107	119263	36.388	ng	#	85
18) Hexachloroethane	7.43	117	81224	47.415	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	107115	36.278	ng		97
20) 3+4-Methylphenols	7.35	107	159617m	36.636	ng		
22) Acetophenone	7.35	105	212341	39.308	ng	#	93
24) Nitrobenzene	7.52	77	159857	38.174	ng		98
25) Isophorone	7.76	82	283522	42.922	ng		96
26) 2-Nitrophenol	7.84	139	80072	39.357	ng		96
27) 2,4-Dimethylphenol	7.87	122	136544	44.442	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	174592	39.453	ng		98
29) 2,4-Dichlorophenol	8.08	162	131241	40.820	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	129319	35.891	ng		96
31) Naphthalene	8.24	128	435677	40.329	ng		99
33) 4-Chloroaniline	8.30	127	44102	9.591	ng		99
34) Hexachlorobutadiene	8.34	225	71511	34.846	ng		99
35) Caprolactam	8.67	113	37607m	34.262	ng		
36) 4-Chloro-3-methylphenol	8.78	107	133656	37.415	ng		99
37) 2-Methylnaphthalene	8.93	142	288972	40.498	ng		99
38) 1-Methylnaphthalene	9.03	142	276667	39.862	ng	#	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	123562	35.570	ng		98
41) Hexachlorocyclopentadiene	9.07	237	22519	52.216	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	80454	38.779	ng		93
44) 2,4,5-Trichlorophenol	9.27	196	86779	39.724	ng		97
46) 1,1'-Biphenyl	9.39	154	349447	34.324	ng		99
47) 2-Chloronaphthalene	9.42	162	265855	36.015	ng		99
48) 2-Nitroaniline	9.53	65	87156	37.748	ng		92
49) Acenaphthylene	9.84	152	403580	38.449	ng		99
50) Dimethylphthalate	9.69	163	351431	43.393	ng		99
51) 2,6-Dinitrotoluene	9.77	165	67371	37.367	ng		97
52) Acenaphthene	10.01	154	244851	36.387	ng		96
53) 3-Nitroaniline	9.95	138	43883	20.883	ng		95
54) 2,4-Dinitrophenol	10.09	184	10076	18.800	ng		92
55) Dibenzofuran	10.18	168	355255	36.189	ng		99
56) 4-Nitrophenol	10.12	139	71022	61.815	ng		91
57) 2,4-Dinitrotoluene	10.19	165	88539	37.850	ng		96
58) Fluorene	10.53	166	292724	38.326	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	70698	39.434	ng		90
60) Diethylphthalate	10.39	149	306403	36.687	ng		100
61) 4-Chlorophenyl-phenylether	10.51	204	138003	34.544	ng		98
62) 4-Nitroaniline	10.57	138	67557	34.528	ng		98
63) Azobenzene	10.67	77	284795	34.985	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	25691	28.071	ng		81
66) n-Nitrosodiphenylamine	10.63	169	251756	39.088	ng		97
67) 4-Bromophenyl-phenylether	11.00	248	78058	37.045	ng		92
68) Hexachlorobenzene	11.08	284	80094	35.686	ng	#	93
69) Atrazine	11.16	200	79246	48.712	ng		99
70) Pentachlorophenol	11.28	266	60999	68.313	ng		99
71) Phenanthrene	11.50	178	405077	39.531	ng		100
72) Anthracene	11.55	178	411892	39.470	ng		99
73) Carbazole	11.71	167	349035	34.459	ng		99
74) Di-n-butylphthalate	12.01	149	436570	36.864	ng		99
75) Fluoranthene	12.69	202	364604	34.619	ng		99
77) Benzidine	12.82	184	91249	31.534	ng		95
78) Pyrene	12.93	202	358880	43.434	ng		96
80) Butylbenzylphthalate	13.52	149	141934	38.047	ng		99
81) Benzo(a)anthracene	14.12	228	267198	40.005	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	54705	23.887	ng		99
83) Chrysene	14.16	228	253561	38.565	ng		99
84) Bis(2-ethylhexyl)phthalate	14.06	149	188230	37.867	ng		97
85) Di-n-octyl phthalate	14.68	149	314112	40.032	ng	#	88
86) Indeno(1,2,3-cd)pyrene	17.26	276	299605	63.482	ng		99
88) Benzo(b)fluoranthene	15.20	252	256085	38.109	ng		99
89) Benzo(k)fluoranthene	15.24	252	243686	35.232	ng		99
90) Benzo(a)pyrene	15.60	252	251239	40.166	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	249074	48.262	ng		97
92) Benzo(g,h,i)perylene	17.74	276	249350	50.110	ng		99

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

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