Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115363.D
Acq On : 2 Jul 2019 16:54
Operator : HP/JU
Sample : K3606-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HJDC-COMP-1MSD

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:45 PM

Quant Time: Jul 03 06:33:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	221887	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	848764	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	412916	20.00	ng		0.02
64) Phenanthrene-d10	11.12	188	762786	20.00	ng		0.02
76) Chrysene-d12	13.75	240	425359	20.00	ng		0.03
87) Perylene-d12	15.12	264	501398	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1226605	85.31	ng		0.02
7) Phenol-d6	6.25	99	1573589	90.17	ng		0.02
23) Nitrobenzene-d5	7.17	82	969430	70.26	ng		0.00
42) 2,4,6-Tribromophenol	10.43	330	431240	99.04	ng		0.02
45) 2-Fluorobiphenyl	8.97	172	1631890	67.13	ng		0.01
79) Terphenyl-d14	12.71	244	1417658	70.86	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	172422	25.409	ng		99
3) Pyridine	2.89	79	452590	23.663	ng		97
4) n-Nitrosodimethylamine	2.83	42	198309	26.448	ng		95
6) Aniline	6.27	93	474035	19.763	ng	#	7
8) 2-Chlorophenol	6.40	128	515256	31.869	ng		98
9) Benzaldehyde	6.15	77	289477	25.424	ng		98
10) Phenol	6.27	94	617737	30.218	ng		86
11) bis(2-Chloroethyl)ether	6.35	93	465550	30.894	ng		98
12) 1,3-Dichlorobenzene	6.55	146	557465	31.068	ng		99
13) 1,4-Dichlorobenzene	6.62	146	566229	31.469	ng		100
14) 1,2-Dichlorobenzene	6.78	146	530530	31.839	ng		99
15) Benzyl Alcohol	6.75	79	365243	28.741	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	649719	29.727	ng		93
17) 2-Methylphenol	6.88	107	443596	33.239	ng		99
18) Hexachloroethane	7.12	117	195801	30.184	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	327437	29.306	ng		97
20) 3+4-Methylphenols	7.03	107	506026	32.838	ng	#	76
22) Acetophenone	7.02	105	702827	36.170	ng		93
24) Nitrobenzene	7.19	77	511626	33.658	ng		98
25) Isophorone	7.44	82	917418	32.458	ng		99
26) 2-Nitrophenol	7.51	139	285745	38.065	ng		97
27) 2,4-Dimethylphenol	7.56	122	449038	36.535	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	593725	33.235	ng		100
29) 2,4-Dichlorophenol	7.75	162	445556	35.128	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	481667	34.379	ng		100
31) Naphthalene	7.91	128	1474744	35.396	ng		100
32) Benzoic acid	7.62	122	58737m	6.695	ng		
33) 4-Chloroaniline	7.96	127	324111	17.022	ng		98
34) Hexachlorobutadiene	8.04	225	261341	34.039	ng		99
35) Caprolactam	8.32	113	144439m	33.871	ng		
36) 4-Chloro-3-methylphenol	8.46	107	442596	34.456	ng		97
37) 2-Methylnaphthalene	8.61	142	980379	34.899	ng		97
38) 1-Methylnaphthalene	8.70	142	920636	34.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	429931	36.846	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	432901	62.568	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	312623	34.704	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	347620	37.472	ng	99
46) 1,1'-Biphenyl	9.07	154	1153683	34.919	ng	99
47) 2-Chloronaphthalene	9.09	162	919211	34.299	ng	98
48) 2-Nitroaniline	9.18	65	266026	34.048	ng	97
49) Acenaphthylene	9.50	152	1440141	34.490	ng	99
50) Dimethylphthalate	9.38	163	1555601	51.206	ng	100
51) 2,6-Dinitrotoluene	9.43	165	249927	35.635	ng	98
52) Acenaphthene	9.68	154	838162	32.079	ng	100
53) 3-Nitroaniline	9.60	138	235476	27.512	ng	100
54) 2,4-Dinitrophenol	9.70	184	87882	29.459	ng	95
55) Dibenzofuran	9.85	168	1258888	33.569	ng	99
56) 4-Nitrophenol	9.77	139	423018	61.649	ng	88
57) 2,4-Dinitrotoluene	9.83	165	325685	35.963	ng	93
58) Fluorene	10.19	166	908508	34.910	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	282641	36.335	ng	97
60) Diethylphthalate	10.08	149	1052826	34.477	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	436446	35.320	ng	97
62) 4-Nitroaniline	10.21	138	265211	30.888	ng	99
63) Azobenzene	10.34	77	923424	32.375	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	138447	35.547	ng	99
66) n-Nitrosodiphenylamine	10.30	169	859323	36.160	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	295375	35.716	ng	95
68) Hexachlorobenzene	10.74	284	316749	35.285	ng	97
69) Atrazine	10.84	200	280160	36.648	ng	99
70) Pentachlorophenol	10.93	266	362687	63.420	ng	97
71) Phenanthrene	11.14	178	1616987	39.372	ng	100
72) Anthracene	11.20	178	1464533	35.327	ng	99
73) Carbazole	11.35	167	1241053	33.524	ng	100
74) Di-n-butylphthalate	11.70	149	1539352	35.985	ng	100
75) Fluoranthene	12.32	202	1673311	40.836	ng	99
77) Benzidine	12.45	184	446440	23.637	ng	97
78) Pyrene	12.55	202	1599686	48.936	ng	99
80) Butylbenzylphthalate	13.18	149	551758	38.247	ng	97
81) Benzo(a)anthracene	13.74	228	1223779	40.096	ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	313588	28.452	ng	99
83) Chrysene	13.77	228	1148608	41.084	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	748065	39.575	ng	100
85) Di-n-octyl phthalate	14.37	149	1224248	38.547	ng	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1030302	31.144	ng	98
88) Benzo(b)fluoranthene	14.75	252	1359309	43.448	ng	100
89) Benzo(k)fluoranthene	14.77	252	981870	34.996	ng	97
90) Benzo(a)pyrene	15.07	252	1136355	40.299	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	815728	30.987	ng	98
92) Benzo(g,h,i)perylene	16.79	276	814387	30.566	ng	99

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

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