Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
Data File : BF118442.D
Acq On : 2 Jan 2020 18:22
Operator : JU
Sample : K6114-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-O1-122719MS

Manual Integrations APPROVED
mohammad
1/3/2020 11:04:18 AM

Quant Time: Jan 03 03:13:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133143	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	525048	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	270559	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	462427	20.00	ng		0.00
76) Chrysene-d12	14.05	240	272549	20.00	ng		0.00
87) Perylene-d12	15.53	264	284567	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	955864	122.55	ng		0.02
7) Phenol-d6	6.50	99	1108786	114.59	ng		0.01
23) Nitrobenzene-d5	7.42	82	795431	86.65	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	412165	123.36	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1591572	89.80	ng		0.00
79) Terphenyl-d14	12.98	244	1510538	91.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	120256	38.783	ng	#	83
3) Pyridine	3.50	79	247402	29.948	ng		99
4) n-Nitrosodimethylamine	3.42	42	144444	42.290	ng		97
6) Aniline	6.52	93	135826	11.055	ng	#	42
8) 2-Chlorophenol	6.64	128	396103	44.839	ng		97
9) Benzaldehyde	6.40	77	177215	31.239	ng		99
10) Phenol	6.51	94	393972	36.226	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	361661	46.500	ng		98
12) 1,3-Dichlorobenzene	6.79	146	377664	37.121	ng		100
13) 1,4-Dichlorobenzene	6.86	146	389731	37.714	ng		99
14) 1,2-Dichlorobenzene	7.02	146	372617	38.192	ng		98
15) Benzyl Alcohol	7.00	79	325733	44.214	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	351215	42.318	ng	#	53
17) 2-Methylphenol	7.12	107	306091	43.201	ng	#	90
18) Hexachloroethane	7.36	117	130083	34.298	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	260268	43.664	ng		98
20) 3+4-Methylphenols	7.27	107	394789	43.536	ng	#	87
22) Acetophenone	7.26	105	549674	42.715	ng	#	98
24) Nitrobenzene	7.44	77	397649	43.242	ng		95
25) Isophorone	7.67	82	708171	44.264	ng		98
26) 2-Nitrophenol	7.75	139	219063	44.975	ng		95
27) 2,4-Dimethylphenol	7.79	122	336299	50.605	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	448756	42.889	ng		99
29) 2,4-Dichlorophenol	8.00	162	340987	44.579	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	359216	40.315	ng		96
31) Naphthalene	8.16	128	1155617	43.304	ng		100
32) Benzoic acid	7.95	122	188760	35.335	ng		97
33) 4-Chloroaniline	8.22	127	84515	7.387	ng		95
34) Hexachlorobutadiene	8.27	225	198915	37.503	ng		99
35) Caprolactam	8.59	113	86680m	36.298	ng		
36) 4-Chloro-3-methylphenol	8.70	107	360365	43.881	ng		97
37) 2-Methylnaphthalene	8.85	142	811172	44.396	ng		99
38) 1-Methylnaphthalene	8.95	142	763987	44.382	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	352725	43.390	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	91902	32.853	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	239021	44.012	ng		97
44) 2,4,5-Trichlorophenol	9.19	196	250649	44.865	ng		99
46) 1,1'-Biphenyl	9.32	154	967156	45.195	ng		99
47) 2-Chloronaphthalene	9.35	162	746275	43.330	ng		98
48) 2-Nitroaniline	9.45	65	206312	42.409	ng		99
49) Acenaphthylene	9.76	152	1152850	45.132	ng		99
50) Dimethylphthalate	9.62	163	917617	45.182	ng		99
51) 2,6-Dinitrotoluene	9.69	165	196842	44.956	ng		100
52) Acenaphthene	9.93	154	687910	44.213	ng		98
53) 3-Nitroaniline	9.86	138	101299	19.712	ng		86
54) 2,4-Dinitrophenol	9.98	184	38255	21.390	ng		98
55) Dibenzofuran	10.10	168	1021717	44.442	ng		97
56) 4-Nitrophenol	10.04	139	225061	70.940	ng		93
57) 2,4-Dinitrotoluene	10.10	165	249794	42.695	ng	#	83
58) Fluorene	10.45	166	812806	43.797	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	199108	41.945	ng		99
60) Diethylphthalate	10.32	149	905725	45.079	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	411515	44.419	ng		95
62) 4-Nitroaniline	10.48	138	179480	33.618	ng		96
63) Azobenzene	10.60	77	750443	43.606	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	37939	15.208	ng		98
66) n-Nitrosodiphenylamine	10.56	169	719156	48.524	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	251278	46.432	ng		95
68) Hexachlorobenzene	11.00	284	272749	42.817	ng		98
69) Atrazine	11.09	200	229482	50.169	ng		96
70) Pentachlorophenol	11.20	266	211101	76.520	ng		99
71) Phenanthrene	11.42	178	1100068	43.638	ng		99
72) Anthracene	11.47	178	1138109	45.104	ng		100
73) Carbazole	11.63	167	953290	42.577	ng		100
74) Di-n-butylphthalate	11.94	149	1322975	46.600	ng		100
75) Fluoranthene	12.61	202	968788	38.079	ng		97
77) Benzidine	12.73	184	76141	10.196	ng		98
78) Pyrene	12.84	202	949802	42.675	ng		99
80) Butylbenzylphthalate	13.45	149	454416	45.345	ng		98
81) Benzo(a)anthracene	14.04	228	847415	44.419	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	228006	35.249	ng		95
83) Chrysene	14.07	228	797189	43.640	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	638337	48.442	ng		99
85) Di-n-octyl phthalate	14.62	149	1040543	53.683	ng		100
86) Indeno(1,2,3-cd)pyrene	17.05	276	722744	46.435	ng		99
88) Benzo(b)fluoranthene	15.10	252	854401	45.231	ng		99
89) Benzo(k)fluoranthene	15.13	252	793115	43.728	ng		99
90) Benzo(a)pyrene	15.47	252	722037	43.391	ng		99
91) Dibenzo(a,h)anthracene	17.06	278	631641	43.742	ng		96
92) Benzo(g,h,i)perylene	17.50	276	561992	40.289	ng		98

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

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