Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117061.D
Acq On : 16 Sep 2019 14:24
Operator : HP/JU
Sample : K4871-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:33 PM

Quant Time: Sep 17 11:16:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58303	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	229734	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	115584	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	179519	20.00	ng		0.00
76) Chrysene-d12	13.97	240	111188	20.00	ng		0.00
87) Perylene-d12	15.42	264	131445	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	222945	59.70	ng		0.00
7) Phenol-d6	6.46	99	195886	40.59	ng		0.00
23) Nitrobenzene-d5	7.39	82	398854	91.22	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	136891	141.71	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	673078	91.05	ng		0.00
79) Terphenyl-d14	12.92	244	563503	94.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	19523	12.494	ng		98
3) Pyridine	3.37	79	13890m	3.248	ng		
4) n-Nitrosodimethylamine	3.23	42	19180	13.067	ng		82
6) Aniline	6.51	93	25474	4.100	ng		93
8) 2-Chlorophenol	6.62	128	151604	37.631	ng		95
9) Benzaldehyde	6.37	77	88409	35.631	ng		98
10) Phenol	6.47	94	97290	18.286	ng		87
11) bis(2-Chloroethyl)ether	6.56	93	172924	44.222	ng		97
12) 1,3-Dichlorobenzene	6.76	146	158070	34.966	ng		96
13) 1,4-Dichlorobenzene	6.84	146	165651	35.906	ng		99
14) 1,2-Dichlorobenzene	6.99	146	157313	36.624	ng		96
15) Benzyl Alcohol	6.96	79	89170	24.094	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	156661	40.551	ng		92
17) 2-Methylphenol	7.09	107	107354	31.795	ng		94
18) Hexachloroethane	7.33	117	60321	33.987	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	129516	44.071	ng		94
20) 3+4-Methylphenols	7.23	107	118885	28.268	ng	#	70
22) Acetophenone	7.23	105	265010	45.403	ng	#	95
24) Nitrobenzene	7.40	77	198436	45.957	ng		97
25) Isophorone	7.64	82	354098	45.740	ng		98
26) 2-Nitrophenol	7.72	139	93178	50.240	ng		99
27) 2,4-Dimethylphenol	7.76	122	140759	47.859	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	210679	44.170	ng		99
29) 2,4-Dichlorophenol	7.96	162	142751	46.321	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	132186	39.702	ng		99
31) Naphthalene	8.13	128	483216	43.735	ng		100
32) Benzoic acid	7.85	122	33351	19.548	ng		97
33) 4-Chloroaniline	8.19	127	75612	15.429	ng		99
34) Hexachlorobutadiene	8.25	225	69495	36.790	ng		98
35) Caprolactam	8.55	113	6335	6.073	ng		99
36) 4-Chloro-3-methylphenol	8.65	107	153489	42.714	ng		98
37) 2-Methylnaphthalene	8.82	142	334431	44.949	ng		100
38) 1-Methylnaphthalene	8.91	142	312267	44.812	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	134508	45.066	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	114378	86.039	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	96004	47.398	ng		97
44) 2,4,5-Trichlorophenol	9.14	196	105869	48.921	ng		95
46) 1,1'-Biphenyl	9.27	154	401217	44.253	ng		100
47) 2-Chloronaphthalene	9.30	162	315060	44.031	ng		98
48) 2-Nitroaniline	9.40	65	103661	45.167	ng		97
49) Acenaphthylene	9.72	152	499790	46.626	ng		100
50) Dimethylphthalate	9.57	163	429829	52.521	ng		99
51) 2,6-Dinitrotoluene	9.64	165	83996	50.394	ng		100
52) Acenaphthene	9.89	154	283766	44.659	ng		96
53) 3-Nitroaniline	9.80	138	39904	18.975	ng		99
54) 2,4-Dinitrophenol	9.92	184	65876	90.210	ng		97
55) Dibenzofuran	10.06	168	448100	47.797	ng		96
56) 4-Nitrophenol	9.99	139	41991	30.808	ng		94
57) 2,4-Dinitrotoluene	10.05	165	114362	52.857	ng		93
58) Fluorene	10.40	166	358393	47.457	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	80955	48.885	ng	#	99
60) Diethylphthalate	10.27	149	374569	46.521	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	153648	47.024	ng		97
62) 4-Nitroaniline	10.42	138	57251	26.178	ng		93
63) Azobenzene	10.55	77	382775	46.548	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	46295	55.361	ng		81
66) n-Nitrosodiphenylamine	10.51	169	306724	49.473	ng		98
67) 4-Bromophenyl-phenylether	10.88	248	87731	47.854	ng		96
68) Hexachlorobenzene	10.95	284	92646	46.203	ng		94
69) Atrazine	11.05	200	68131	43.869	ng		100
70) Pentachlorophenol	11.15	266	107338	114.197	ng		99
71) Phenanthrene	11.36	178	486920	47.753	ng		98
72) Anthracene	11.41	178	508307	48.829	ng		98
73) Carbazole	11.57	167	442415	44.774	ng		99
74) Di-n-butylphthalate	11.89	149	560342	47.663	ng		99
75) Fluoranthene	12.55	202	448985	42.854	ng		97
77) Benzidine	12.64	184	927	0.259	ng	#	1
78) Pyrene	12.78	202	444088	47.600	ng		98
80) Butylbenzylphthalate	13.39	149	195453	44.337	ng		97
81) Benzo(a)anthracene	13.97	228	340883	45.888	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	217	0.091	ng	#	10
83) Chrysene	14.00	228	327893	45.256	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	268144	47.176	ng		97
85) Di-n-octyl phthalate	14.56	149	430430	48.114	ng		100
86) Indeno(1,2,3-cd)pyrene	16.87	276	396170	74.949	ng		97
88) Benzo(b)fluoranthene	15.01	252	344645	43.286	ng		98
89) Benzo(k)fluoranthene	15.03	252	311736	41.332	ng		99
90) Benzo(a)pyrene	15.37	252	324581	46.456	ng		98
91) Dibenzo(a,h)anthracene	16.88	278	334563	60.109	ng		99
92) Benzo(g,h,i)perylene	17.30	276	334652	60.336	ng		98

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

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