Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116508.D
Acq On : 24 Aug 2019 8:16
Operator : HP/JU
Sample : K4461-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMPMSD

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:08 AM

Quant Time: Aug 26 13:30:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117710	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	410349	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	186018	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	284995	20.00	ng	0.00
76) Chrysene-d12	14.03	240	222855	20.00	ng	0.00
87) Perylene-d12	15.50	264	229754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	732595	90.94	ng	0.02
7) Phenol-d6	6.52	99	955349	96.72	ng	0.01
23) Nitrobenzene-d5	7.45	82	602170	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	144373	90.39	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1040317	90.06	ng	0.00
79) Terphenyl-d14	12.98	244	901494	75.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.75	88	115456	33.101	ng	98
3) Pyridine	3.50	79	260582	24.532	ng	99
4) n-Nitrosodimethylamine	3.44	42	141976	36.614	ng	100
6) Aniline	6.55	93	232330	17.373	ng	99
8) 2-Chlorophenol	6.67	128	279125	33.017	ng	96
9) Benzaldehyde	6.43	77	136075	20.618	ng	98
10) Phenol	6.53	94	381915	35.605	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	294636	36.076	ng	98
12) 1,3-Dichlorobenzene	6.83	146	318018	34.755	ng	97
13) 1,4-Dichlorobenzene	6.90	146	325701	36.983	ng	97
14) 1,2-Dichlorobenzene	7.06	146	296122	35.643	ng	97
15) Benzyl Alcohol	7.02	79	260449	32.581	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	369704	32.739	ng	99
17) 2-Methylphenol	7.13	107	232516	33.196	ng	98
18) Hexachloroethane	7.40	117	99899	29.086	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	214710	31.855	ng	98
20) 3+4-Methylphenols	7.28	107	280665	32.710	ng	93
22) Acetophenone	7.29	105	403858	39.359	ng	94
24) Nitrobenzene	7.46	77	306671	39.481	ng	99
25) Isophorone	7.70	82	554030	37.483	ng	100
26) 2-Nitrophenol	7.77	139	69072	24.345	ng	99
27) 2,4-Dimethylphenol	7.82	122	236781	39.997	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	345938	37.899	ng	99
29) 2,4-Dichlorophenol	8.02	162	199414	35.420	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	256975	40.545	ng	99
31) Naphthalene	8.19	128	807776	40.692	ng	100
32) Benzoic acid	7.87	122	62811m	16.596	ng	
33) 4-Chloroaniline	8.23	127	125968	14.455	ng	98
34) Hexachlorobutadiene	8.31	225	140212	40.564	ng	98
35) Caprolactam	8.59	113	54249	27.663	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	210444	33.129	ng	99
37) 2-Methylnaphthalene	8.87	142	518151	38.016	ng	98
38) 1-Methylnaphthalene	8.97	142	487745	38.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	222798	44.518	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	92092	34.201	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	123868	35.364	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	122055	34.247	ng		96
46) 1,1'-Biphenyl	9.34	154	619436	41.650	ng		99
47) 2-Chloronaphthalene	9.36	162	461362	40.014	ng		98
48) 2-Nitroaniline	9.45	65	132143	37.431	ng		99
49) Acenaphthylene	9.78	152	693902	41.135	ng		99
50) Dimethylphthalate	9.63	163	631638	48.668	ng		100
51) 2,6-Dinitrotoluene	9.69	165	94127	35.433	ng		96
52) Acenaphthene	9.95	154	417846	38.603	ng		99
53) 3-Nitroaniline	9.86	138	118687	37.481	ng		96
54) 2,4-Dinitrophenol	9.96	184	6060	13.634	ng	#	1
55) Dibenzofuran	10.12	168	606736	40.211	ng		99
56) 4-Nitrophenol	10.01	139	103490	42.048	ng		94
57) 2,4-Dinitrotoluene	10.09	165	103417	30.594	ng		90
58) Fluorene	10.46	166	445486	38.001	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	88385	30.203	ng		97
60) Diethylphthalate	10.33	149	518859	40.675	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	225521	39.433	ng		99
62) 4-Nitroaniline	10.47	138	108981	35.189	ng		95
63) Azobenzene	10.62	77	497126	37.903	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	6221	11.552	ng		87
66) n-Nitrosodiphenylamine	10.57	169	404578	43.842	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	128858	43.127	ng		100
68) Hexachlorobenzene	11.02	284	135026	40.859	ng		98
69) Atrazine	11.09	200	111432	40.303	ng		99
70) Pentachlorophenol	11.20	266	89329	46.331	ng		96
71) Phenanthrene	11.42	178	642235	41.367	ng		99
72) Anthracene	11.47	178	648643	41.578	ng		99
73) Carbazole	11.62	167	571741	40.828	ng		99
74) Di-n-butylphthalate	11.96	149	741262	42.718	ng		99
75) Fluoranthene	12.61	202	660064	41.123	ng		100
77) Benzidine	12.72	184	173260	19.324	ng		98
78) Pyrene	12.84	202	668341	37.501	ng		99
80) Butylbenzylphthalate	13.46	149	298667	38.804	ng		99
81) Benzo(a)anthracene	14.02	228	590903	40.940	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	173079	33.649	ng		98
83) Chrysene	14.06	228	590935	40.394	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	412945	40.236	ng		99
85) Di-n-octyl phthalate	14.63	149	728419	41.806	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	506016	40.379	ng		99
88) Benzo(b)fluoranthene	15.07	252	603514m	42.522	ng		
89) Benzo(k)fluoranthene	15.10	252	551525	42.893	ng		98
90) Benzo(a)pyrene	15.44	252	535518	42.691	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	439460	42.635	ng		96
92) Benzo(g,h,i)perylene	17.41	276	408583	41.579	ng		97

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

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