Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117496.D
Acq On : 23 Oct 2019 21:10
Operator : JU
Sample : K5494-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-2FTMS

Manual Integrations APPROVED
mohammad
10/24/2019 2:10:55 PM

Quant Time: Oct 24 09:27:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	45674	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	182935	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	95751	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	146984	20.00	ng		0.00
76) Chrysene-d12	13.89	240	82097	20.00	ng		0.00
87) Perylene-d12	15.32	264	97566	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	267165	87.02	ng		0.00
7) Phenol-d6	6.39	99	377574	91.57	ng		0.00
23) Nitrobenzene-d5	7.30	82	238084	64.25	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	67050	80.93	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	375838	55.31	ng		0.00
79) Terphenyl-d14	12.83	244	298794	59.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	47978	37.170	ng		95
3) Pyridine	3.17	79	109302	34.591	ng		92
4) n-Nitrosodimethylamine	3.11	42	50046	43.657	ng		97
6) Aniline	6.40	93	126640	26.160	ng	#	9
8) 2-Chlorophenol	6.52	128	142283	43.920	ng		98
9) Benzaldehyde	6.28	77	83380	42.192	ng		98
10) Phenol	6.40	94	184026	43.726	ng		83
11) bis(2-Chloroethyl)ether	6.47	93	131200	42.147	ng		97
12) 1,3-Dichlorobenzene	6.67	146	144702	40.026	ng		97
13) 1,4-Dichlorobenzene	6.75	146	150443	41.021	ng		98
14) 1,2-Dichlorobenzene	6.90	146	139874	40.461	ng		97
15) Benzyl Alcohol	6.89	79	126927	43.084	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	133108	39.638	ng		65
17) 2-Methylphenol	7.00	107	116353	43.659	ng		93
18) Hexachloroethane	7.24	117	55954	39.089	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	107255	42.590	ng		98
20) 3+4-Methylphenols	7.16	107	149226	42.708	ng	#	79
22) Acetophenone	7.15	105	206068	42.422	ng	#	94
24) Nitrobenzene	7.32	77	156853	44.194	ng		96
25) Isophorone	7.56	82	289281	45.127	ng		98
26) 2-Nitrophenol	7.64	139	72941	46.080	ng		98
27) 2,4-Dimethylphenol	7.68	122	123286	52.115	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	168231	42.531	ng		97
29) 2,4-Dichlorophenol	7.89	162	111828	45.069	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	115221	43.272	ng		98
31) Naphthalene	8.04	128	406163	44.793	ng		99
32) Benzoic acid	7.84	122	66695	41.161	ng		95
33) 4-Chloroaniline	8.10	127	42496	11.105	ng		96
34) Hexachlorobutadiene	8.15	225	61930	40.183	ng		98
35) Caprolactam	8.47	113	37766m	47.380	ng		
36) 4-Chloro-3-methylphenol	8.59	107	130466	46.104	ng		96
37) 2-Methylnaphthalene	8.73	142	278835	45.636	ng		100
38) 1-Methylnaphthalene	8.83	142	264739	46.111	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101910	39.516	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	25160	46.713	ng		95
43) 2,4,6-Trichlorophenol	9.02	196	72361	44.805	ng		100
44) 2,4,5-Trichlorophenol	9.06	196	75465	46.113	ng		95
46) 1,1'-Biphenyl	9.19	154	324550	40.943	ng		98
47) 2-Chloronaphthalene	9.22	162	248943	41.652	ng		98
48) 2-Nitroaniline	9.32	65	82635	42.117	ng		99
49) Acenaphthylene	9.63	152	389820	44.404	ng		98
50) Dimethylphthalate	9.49	163	391677	57.380	ng		100
51) 2,6-Dinitrotoluene	9.56	165	63567	44.627	ng		97
52) Acenaphthene	9.80	154	230036	42.710	ng		98
53) 3-Nitroaniline	9.73	138	34035	19.693	ng		94
54) 2,4-Dinitrophenol	9.86	184	17555	32.618	ng		90
55) Dibenzofuran	9.97	168	345299	44.250	ng		99
56) 4-Nitrophenol	9.92	139	75123	93.683	ng	#	85
57) 2,4-Dinitrotoluene	9.97	165	84425	44.580	ng		98
58) Fluorene	10.32	166	279303	43.282	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	60654	47.156	ng		99
60) Diethylphthalate	10.19	149	295864	42.852	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	122346	42.258	ng		96
62) 4-Nitroaniline	10.35	138	53518	32.853	ng		97
63) Azobenzene	10.47	77	314795	44.539	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	17864	23.905	ng		91
66) n-Nitrosodiphenylamine	10.43	169	248372	46.222	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	68602	43.332	ng		98
68) Hexachlorobenzene	10.87	284	71589	42.223	ng		93
69) Atrazine	10.96	200	75805	55.448	ng		95
70) Pentachlorophenol	11.07	266	60379	118.790	ng		97
71) Phenanthrene	11.27	178	390564	45.761	ng		99
72) Anthracene	11.33	178	396570	45.285	ng		99
73) Carbazole	11.49	167	356073	44.492	ng		99
74) Di-n-butylphthalate	11.81	149	483085	45.176	ng		100
75) Fluoranthene	12.46	202	356214	41.692	ng		100
78) Pyrene	12.69	202	340546	48.293	ng		98
80) Butylbenzylphthalate	13.30	149	170187	48.499	ng		96
81) Benzo(a)anthracene	13.88	228	252694	45.631	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	77529	44.616	ng		98
83) Chrysene	13.92	228	244954	45.133	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	237495	48.315	ng		97
85) Di-n-octyl phthalate	14.47	149	363522	48.100	ng		99
86) Indeno(1,2,3-cd)pyrene	16.74	276	221211	54.592	ng		99
88) Benzo(b)fluoranthene	14.92	252	232245	40.311	ng		99
89) Benzo(k)fluoranthene	14.94	252	238658	40.416	ng		99
90) Benzo(a)pyrene	15.27	252	222354	42.448	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	189915	41.929	ng		98
92) Benzo(g,h,i)perylene	17.16	276	171531	40.025	ng		98

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

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