Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082820\
Data File : BP003158.D
Acq On : 28 Aug 2020 19:24
Operator : CG/JU
Sample : L3837-15MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
789UMR-TP11-0006-01MSD

Manual Integrations APPROVED
mohammad
8/31/2020 11:14:16 AM

Quant Time: Aug 29 03:32:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	256321	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	1026857	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	625987	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1354363	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1261485	20.00	ng		0.00
86) Perylene-d12	23.38	264	1231457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1679284	115.83	ng		0.00
7) Phenol-d6	6.85	99	2015416	110.90	ng		0.00
23) Nitrobenzene-d5	8.81	82	1191344	83.64	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	1026375	121.23	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3329785	77.90	ng		0.00
79) Terphenyl-d14	19.63	244	4590891	80.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	190259	34.327	ng		99
3) Pyridine	3.59	79	419982	28.793	ng		98
4) n-Nitrosodimethylamine	3.50	42	171163	44.937	ng		88
6) Aniline	6.99	93	642640	32.478	ng		100
8) 2-Chlorophenol	7.23	128	778038	48.139	ng		99
9) Benzaldehyde	6.80	77	330589	39.017	ng		99
10) Phenol	6.87	94	801616	47.596	ng		96
11) bis(2-Chloroethyl)ether	7.09	93	595116	44.644	ng		99
12) 1,3-Dichlorobenzene	7.55	146	824431	41.951	ng		100
13) 1,4-Dichlorobenzene	7.70	146	843526	42.517	ng		99
14) 1,2-Dichlorobenzene	8.01	146	808521	42.986	ng		100
15) Benzyl Alcohol	7.90	79	511247	49.928	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	471000	41.694	ng		99
17) 2-Methylphenol	8.12	107	582158	48.521	ng		98
18) Hexachloroethane	8.73	117	274636	42.313	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	369102	44.952	ng		99
20) 3+4-Methylphenols	8.44	107	777122	48.072	ng		100
22) Acetophenone	8.47	105	956891	41.844	ng	#	99
24) Nitrobenzene	8.85	77	607751	43.441	ng		99
25) Isophorone	9.37	82	1151207	45.807	ng		99
26) 2-Nitrophenol	9.56	139	420256	50.399	ng		97
27) 2,4-Dimethylphenol	9.63	122	677130	54.017	ng		98
28) bis(2-Chloroethoxy)methane	9.86	93	754996	40.333	ng		98
29) 2,4-Dichlorophenol	10.10	162	741239	47.661	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	782429	42.254	ng		98
31) Naphthalene	10.49	128	2262025	42.876	ng		99
32) Benzoic acid	9.80	122	482492	49.426	ng		99
33) 4-Chloroaniline	10.60	127	324962	14.742	ng		99
34) Hexachlorobutadiene	10.79	225	460050	41.396	ng		99
35) Caprolactam	11.37	113	225376m	48.224	ng		
36) 4-Chloro-3-methylphenol	11.75	107	690619	47.560	ng		100
37) 2-Methylnaphthalene	12.11	142	1654420	43.837	ng		99
38) 1-Methylnaphthalene	12.33	142	1567162	43.689	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	821188	44.260	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	910099	103.767 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	583100	47.796 ng	99
44) 2,4,5-Trichlorophenol	12.81	196	634843	49.196 ng	98
46) 1,1'-Biphenyl	13.13	154	2068830	44.061 ng	99
47) 2-Chloronaphthalene	13.17	162	1587238	41.297 ng	100
48) 2-Nitroaniline	13.37	65	324894	45.147 ng	94
49) Acenaphthylene	14.02	152	2620050	45.082 ng	99
50) Dimethylphthalate	13.77	163	2305794	48.302 ng	100
51) 2,6-Dinitrotoluene	13.88	165	454762	45.836 ng	99
52) Acenaphthene	14.37	154	1526446	42.752 ng	99
53) 3-Nitroaniline	14.20	138	306995	27.311 ng	96
54) 2,4-Dinitrophenol	14.42	184	511458	92.976 ng	98
55) Dibenzofuran	14.70	168	2391748	42.654 ng	99
56) 4-Nitrophenol	14.54	139	846528	104.679 ng	98
57) 2,4-Dinitrotoluene	14.67	165	623281	46.723 ng	100
58) Fluorene	15.36	166	1839327	42.582 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	571007	48.907 ng	99
60) Diethylphthalate	15.14	149	1967985	42.020 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	939139	42.102 ng	99
62) 4-Nitroaniline	15.37	138	427202	36.972 ng	97
63) Azobenzene	15.65	77	1342760	43.198 ng	96
65) 4,6-Dinitro-2-methylphenol	15.44	198	342895	52.940 ng	98
66) n-Nitrosodiphenylamine	15.57	169	1711214	43.210 ng	99
67) 4-Bromophenyl-phenylether	16.25	248	638137	42.692 ng	99
68) Hexachlorobenzene	16.37	284	754787	42.413 ng	99
69) Atrazine	16.53	200	554324	41.501 ng	99
70) Pentachlorophenol	16.72	266	991825	116.549 ng	99
71) Phenanthrene	17.10	178	3280475	44.701 ng	99
72) Anthracene	17.19	178	3183061	45.319 ng	100
73) Carbazole	17.46	167	2968149	44.033 ng	100
74) Di-n-butylphthalate	18.03	149	3482049	43.943 ng	100
75) Fluoranthene	19.07	202	4275077	50.402 ng	98
77) Benzidine	19.26	184	1452095	50.365 ng	99
78) Pyrene	19.43	202	4245993	51.860 ng	98
80) Butylbenzylphthalate	20.31	149	1687471	50.058 ng	96
81) Benzo(a)anthracene	21.13	228	3749380	47.450 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	1168960	40.218 ng	99
83) Chrysene	21.19	228	3455866	45.678 ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2331283	47.887 ng	99
85) Di-n-octyl phthalate	21.95	149	3969273	47.555 ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	3999589	43.552 ng	97
88) Benzo(b)fluoranthene	22.72	252	3620299	47.300 ng	99
89) Benzo(k)fluoranthene	22.76	252	3304923	45.193 ng	99
90) Benzo(a)pyrene	23.29	252	3226972	45.446 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	3151494	41.774 ng	98
92) Benzo(g,h,i)perylene	26.36	276	3487226	46.061 ng	98

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

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