Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
Data File : BP002557.D
Acq On : 26 Jun 2020 18:30
Operator : CG/JU
Sample : L3114-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-242MS

Quant Time: Jun 27 05:39:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	150330	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	658338	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	277017	20.00	ng	0.01
64) Phenanthrene-d10	17.03	188	286875	20.00	ng	0.04
76) Chrysene-d12	21.13	240	298439	20.00	ng	0.04
86) Perylene-d12	23.31	264	509477	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	915554	112.70	ng	0.00
7) Phenol-d6	6.78	99	1235793	114.25	ng	0.00
23) Nitrobenzene-d5	8.73	82	880011	79.83	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	302837	114.18	ng	0.02
45) 2-Fluorobiphenyl	12.85	172	1906223	115.70	ng	0.00
79) Terphenyl-d14	19.62	244	1341733	130.38	ng	0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	105508	28.193	ng	98
3) Pyridine	3.53	79	346162	34.033	ng	99
4) n-Nitrosodimethylamine	3.45	42	168460	40.190	ng	94
6) Aniline	6.92	93	466527	31.714	ng	100
8) 2-Chlorophenol	7.16	128	432435	47.340	ng	98
9) Benzaldehyde	6.73	77	185894	30.094	ng	99
10) Phenol	6.80	94	540042	46.034	ng	97
11) bis(2-Chloroethyl)ether	7.02	93	410755	41.937	ng	98
12) 1,3-Dichlorobenzene	7.47	146	471916	44.864	ng	97
13) 1,4-Dichlorobenzene	7.62	146	480787	45.431	ng	98
14) 1,2-Dichlorobenzene	7.93	146	464956	45.864	ng	99
15) Benzyl Alcohol	7.82	79	393035	46.882	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	565736	40.709	ng	99
17) 2-Methylphenol	8.04	107	373281	43.546	ng	98
18) Hexachloroethane	8.65	117	173323	44.956	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	316404	43.763	ng	99
20) 3+4-Methylphenols	8.36	107	501274	43.329	ng	95
22) Acetophenone	8.40	105	628665	42.505	ng	99
24) Nitrobenzene	8.77	77	515715	43.520	ng	99
25) Isophorone	9.29	82	957762	42.658	ng	100
26) 2-Nitrophenol	9.47	139	236191	44.729	ng	97
27) 2,4-Dimethylphenol	9.56	122	402315	48.566	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	574037	42.924	ng	100
29) 2,4-Dichlorophenol	10.02	162	460469	49.380	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	501221	48.220	ng	97
31) Naphthalene	10.40	128	1421032	46.462	ng	100
32) Benzoic acid	9.75	122	352418	51.257	ng	97
33) 4-Chloroaniline	10.52	127	285880	21.411	ng	99
34) Hexachlorobutadiene	10.70	225	306026	50.451	ng	96
35) Caprolactam	11.30	113	152786	46.455	ng	99
36) 4-Chloro-3-methylphenol	11.67	107	493702	48.931	ng	100
37) 2-Methylnaphthalene	12.03	142	1054223	48.563	ng	98
38) 1-Methylnaphthalene	12.25	142	987424	48.461	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	539502	73.881	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	254322	65.510	ng		97
43) 2,4,6-Trichlorophenol	12.66	196	372972	72.170	ng		98
44) 2,4,5-Trichlorophenol	12.74	196	402430	67.248	ng		97
46) 1,1'-Biphenyl	13.06	154	1195419	65.844	ng		99
47) 2-Chloronaphthalene	13.10	162	957283	64.461	ng		99
48) 2-Nitroaniline	13.30	65	336692	71.021	ng		98
49) Acenaphthylene	13.96	152	1253182	52.871	ng		98
50) Dimethylphthalate	13.70	163	1167381	61.502	ng		100
51) 2,6-Dinitrotoluene	13.82	165	271237	65.799	ng		97
52) Acenaphthene	14.30	154	640765	46.146	ng		99
53) 3-Nitroaniline	14.15	138	176704	37.541	ng	#	76
54) 2,4-Dinitrophenol	14.36	184	24445	12.495	ng	#	62
55) Dibenzofuran	14.65	168	918339	41.078	ng		92
56) 4-Nitrophenol	14.49	139	295453	79.056	ng	#	42
57) 2,4-Dinitrotoluene	14.62	165	200044	35.652	ng		94
58) Fluorene	15.30	166	543250	30.894	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.89	232	189520	39.896	ng	#	94
60) Diethylphthalate	15.09	149	650403	34.198	ng	#	92
61) 4-Chlorophenyl-phenylether	15.30	204	308734	34.015	ng	#	85
62) 4-Nitroaniline	15.32	138	92345	20.418	ng	#	50
63) Azobenzene	15.60	77	586011	30.954	ng		89
65) 4,6-Dinitro-2-methylphenol	15.39	198	13799	9.115	ng	#	1
66) n-Nitrosodiphenylamine	15.52	169	499292	68.131	ng		98
67) 4-Bromophenyl-phenylether	16.21	248	154195	56.740	ng	#	76
68) Hexachlorobenzene	16.34	284	199607	69.218	ng	#	70
69) Atrazine	16.54	200	146458	61.263	ng	#	1
70) Pentachlorophenol	16.69	266	240941	139.653	ng		98
71) Phenanthrene	17.07	178	649527	48.402	ng	#	69
72) Anthracene	17.16	178	678576	50.903	ng	#	78
73) Carbazole	17.43	167	554756	42.302	ng	#	76
74) Di-n-butylphthalate	18.02	149	732977	47.229	ng	#	88
75) Fluoranthene	19.07	202	896864	55.990	ng		89
78) Pyrene	19.42	202	862368	47.175	ng	#	94
80) Butylbenzylphthalate	20.29	149	330980	40.730	ng		88
81) Benzo(a)anthracene	21.11	228	871715	51.172	ng		98
82) 3,3'-Dichlorobenzidine	21.04	252	32976	5.209	ng	#	89
83) Chrysene	21.16	228	861197	53.360	ng		99
84) Bis(2-ethylhexyl)phthalate	21.05	149	581742	49.215	ng	#	99
85) Di-n-octyl phthalate	21.91	149	1255968	60.579	ng		99
87) Indeno(1,2,3-cd)pyrene	25.53	276	1837826	57.673	ng		98
88) Benzo(b)fluoranthene	22.66	252	1433190	52.164	ng		98
89) Benzo(k)fluoranthene	22.70	252	1214893	46.539	ng		98
90) Benzo(a)pyrene	23.22	252	1316698	51.139	ng		97
91) Dibenzo(a,h)anthracene	25.54	278	1483780	58.048	ng		99
92) Benzo(g,h,i)perylene	26.21	276	1611583	60.874	ng		97

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

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