Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002515.D
Acq On : 23 Jun 2020 23:17
Operator : CG/JU
Sample : L3051-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SLUDGE-BOXMSD

Quant Time: Jun 24 00:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	173397	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	677098	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	380884	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	794366	20.00	ng	0.00
76) Chrysene-d12	21.10	240	779307	20.00	ng	-0.01
86) Perylene-d12	23.30	264	900869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1057432	112.84	ng	0.00
7) Phenol-d6	6.78	99	1148360	92.04	ng	0.00
23) Nitrobenzene-d5	8.73	82	1028131	90.68	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	478215	131.14	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1980072	87.41	ng	0.00
79) Terphenyl-d14	19.58	244	2792179	95.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	161625	37.443	ng	# 13
3) Pyridine	3.55	79	311609	26.561	ng	98
4) n-Nitrosodimethylamine	3.46	42	198735	41.106	ng	99
6) Aniline	6.92	93	385509	22.721	ng	98
8) 2-Chlorophenol	7.16	128	474770	45.060	ng	99
9) Benzaldehyde	6.73	77	218080	30.785	ng	98
10) Phenol	6.80	94	464461	34.325	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	495847	43.890	ng	100
12) 1,3-Dichlorobenzene	7.48	146	535647	44.149	ng	98
13) 1,4-Dichlorobenzene	7.62	146	542085	44.409	ng	99
14) 1,2-Dichlorobenzene	7.93	146	512629	43.840	ng	99
15) Benzyl Alcohol	7.83	79	388685	40.195	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	678312	42.316	ng	99
17) 2-Methylphenol	8.04	107	378259	38.256	ng	99
18) Hexachloroethane	8.65	117	198272	44.585	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	359771	43.142	ng	99
20) 3+4-Methylphenols	8.36	107	488673	36.621	ng	97
22) Acetophenone	8.40	105	689323	45.314	ng	98
24) Nitrobenzene	8.77	77	566479	46.479	ng	98
25) Isophorone	9.29	82	993486	43.023	ng	100
26) 2-Nitrophenol	9.48	139	261093	48.075	ng	98
27) 2,4-Dimethylphenol	9.56	122	393056	46.133	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	628640	45.705	ng	98
29) 2,4-Dichlorophenol	10.02	162	441538	46.038	ng	99
30) 1,2,4-Trichlorobenzene	10.23	180	494664	46.271	ng	99
31) Naphthalene	10.40	128	1429510	45.444	ng	100
32) Benzoic acid	9.70	122	185177	28.436	ng	99
33) 4-Chloroaniline	10.52	127	178564	13.003	ng	99
34) Hexachlorobutadiene	10.71	225	289874	46.464	ng	97
35) Caprolactam	11.28	113	81878	24.205	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	448207	43.192	ng	99
37) 2-Methylnaphthalene	12.03	142	1005801	45.049	ng	97
38) 1-Methylnaphthalene	12.25	142	958574	45.742	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	495619	49.363	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	478643	89.670 ng	100
43) 2,4,6-Trichlorophenol	12.66	196	340115	47.865 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	363987	44.237 ng	98
46) 1,1'-Biphenyl	13.06	154	1213489	48.613 ng	100
47) 2-Chloronaphthalene	13.10	162	971111	47.560 ng	97
48) 2-Nitroaniline	13.30	65	302101	46.347 ng	99
49) Acenaphthylene	13.95	152	1504646	46.169 ng	99
50) Dimethylphthalate	13.70	163	1426267	54.650 ng	99
51) 2,6-Dinitrotoluene	13.81	165	261630	46.161 ng	98
52) Acenaphthene	14.30	154	889294	46.580 ng	99
53) 3-Nitroaniline	14.14	138	152386	23.546 ng	98
54) 2,4-Dinitrophenol	14.35	184	246976	74.133 ng	98
55) Dibenzofuran	14.63	168	1413539	45.986 ng	99
56) 4-Nitrophenol	14.47	139	344140	66.973 ng	97
57) 2,4-Dinitrotoluene	14.60	165	346616	44.928 ng	97
58) Fluorene	15.29	166	1052781	43.544 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	310497	47.538 ng	100
60) Diethylphthalate	15.08	149	1129235	43.183 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	529006	45.032 ng	98
62) 4-Nitroaniline	15.31	138	249355	40.100 ng	97
63) Azobenzene	15.59	77	1175991	45.179 ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	182058	43.432 ng	98
66) n-Nitrosodiphenylamine	15.51	169	964985	47.554 ng	100
67) 4-Bromophenyl-phenylether	16.19	248	347467	46.174 ng	97
68) Hexachlorobenzene	16.30	284	377836	47.317 ng	96
69) Atrazine	16.47	200	318511	48.115 ng	99
70) Pentachlorophenol	16.65	266	457349	95.732 ng	99
71) Phenanthrene	17.03	178	1742390	46.890 ng	99
72) Anthracene	17.13	178	1783382	48.312 ng	99
73) Carbazole	17.40	167	1651382	45.476 ng	100
74) Di-n-butylphthalate	17.98	149	1992393	46.363 ng	99
75) Fluoranthene	19.02	202	2120111	47.799 ng	100
77) Benzidine	19.20	184	677784	38.923 ng	98
78) Pyrene	19.37	202	2138300	44.795 ng	99
80) Butylbenzylphthalate	20.27	149	927258	43.698 ng	96
81) Benzo(a)anthracene	21.09	228	2048233	46.045 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	579182	35.035 ng	98
83) Chrysene	21.13	228	1972607	46.806 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1358662	44.017 ng	100
85) Di-n-octyl phthalate	21.90	149	2411518	44.543 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2696671	47.859 ng	98
88) Benzo(b)fluoranthene	22.64	252	2294913	47.239 ng	99
89) Benzo(k)fluoranthene	22.69	252	2164578	46.894 ng	100
90) Benzo(a)pyrene	23.20	252	2090149	45.910 ng	99
91) Dibenzo(a,h)anthracene	25.53	278	2205580	48.798 ng	99
92) Benzo(g,h,i)perylene	26.19	276	2246648	47.993 ng	97

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

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