Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111320\
Data File : BP003961.D
Acq On : 13 Nov 2020 18:58
Operator : CG/JU
Sample : L4719-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-SMSD

Quant Time: Nov 16 08:19:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	117800	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	447758	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	265951	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	556315	20.00	ng	# 0.00
76) Chrysene-d12	21.675	240	500551	20.00	ng	0.00
86) Perylene-d12	24.157	264	512928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	827327	117.22	ng	0.00
7) Phenol-d6	7.452	99	967588	95.50	ng	0.00
23) Nitrobenzene-d5	9.446	82	766606	83.85	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	429994	129.27	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1566062	82.32	ng	0.00
79) Terphenyl-d14	20.133	244	2147742	82.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	123583	40.58	ng	# 1
3) Pyridine	3.940	79	348148	38.98	ng	# 56
4) n-Nitrosodimethylamine	3.834	42	202667	49.29	ng	# 52
6) Aniline	7.581	93	205922	17.90	ng	# 84
8) 2-Chlorophenol	7.852	128	396014	52.85	ng	# 79
9) Benzaldehyde	7.381	77	59146	9.77	ng	# 79
10) Phenol	7.481	94	436159	44.61	ng	83
11) bis(2-Chloroethyl)ether	7.669	93	405995	51.66	ng	# 81
12) 1,3-Dichlorobenzene	8.175	146	445934	48.56	ng	# 93
13) 1,4-Dichlorobenzene	8.316	146	450021	48.60	ng	96
14) 1,2-Dichlorobenzene	8.646	146	432150	48.87	ng	97
15) Benzyl Alcohol	8.516	79	384104	54.73	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.811	45	638727	48.26	ng	82
17) 2-Methylphenol	8.746	107	328764	51.21	ng	# 94
18) Hexachloroethane	9.393	117	164029	49.85	ng	97
19) n-Nitroso-di-n-propyla...	9.081	70	323225	53.37	ng	# 74
20) 3+4-Methylphenols	9.075	107	435424	50.81	ng	91
22) Acetophenone	9.099	105	613783	51.07	ng	# 84
24) Nitrobenzene	9.487	77	479634	52.79	ng	# 80
25) Isophorone	10.010	82	855007	55.06	ng	# 89
26) 2-Nitrophenol	10.210	139	218512	61.59	ng	# 73
27) 2,4-Dimethylphenol	10.281	122	354903	59.97	ng	92
28) bis(2-Chloroethoxy)met...	10.487	93	513655	48.20	ng	99
29) 2,4-Dichlorophenol	10.769	162	382002	53.57	ng	95
30) 1,2,4-Trichlorobenzene	10.981	180	423600	48.76	ng	98
31) Naphthalene	11.163	128	1232494	51.29	ng	99
32) Benzoic acid	10.434	122	107836	29.77	ng	# 79
33) 4-Chloroaniline	11.252	127	115049	11.27	ng	# 89
34) Hexachlorobutadiene	11.475	225	269091	47.49	ng	99
35) Caprolactam	11.999	113	94343	42.79	ng	# 14
36) 4-Chloro-3-methylphenol	12.387	107	412181	53.54	ng	88
37) 2-Methylnaphthalene	12.751	142	874104	50.84	ng	98
38) 1-Methylnaphthalene	12.969	142	809312	49.35	ng	99
40) 1,2,4,5-Tetrachloroben...	13.128	216	464999	52.83	ng	99
41) Hexachlorocyclopentadiene	13.122	237	478889	107.84	ng	99
43) 2,4,6-Trichlorophenol	13.357	196	299473	55.04	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	320924	56.02	ng	#	96
46) 1,1'-Biphenyl	13.740	154	1092642	52.93	ng		97
47) 2-Chloronaphthalene	13.787	162	849199	50.13	ng		99
48) 2-Nitroaniline	13.969	65	286542	56.69	ng	#	60
49) Acenaphthylene	14.628	152	1319055	53.03	ng		99
50) Dimethylphthalate	14.334	163	1245505	59.91	ng		100
51) 2,6-Dinitrotoluene	14.451	165	241702	56.66	ng	#	73
52) Acenaphthene	14.969	154	922004	55.65	ng		97
53) 3-Nitroaniline	14.781	138	131620	27.88	ng	#	76
54) 2,4-Dinitrophenol	14.998	184	194059	80.77	ng	#	83
55) Dibenzofuran	15.298	168	1277635	51.90	ng		99
56) 4-Nitrophenol	15.116	139	327553	96.25	ng	#	60
57) 2,4-Dinitrotoluene	15.245	165	332006	57.97	ng	#	76
58) Fluorene	15.945	166	1035416	52.52	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.540	232	273352	52.93	ng		98
60) Diethylphthalate	15.687	149	1060072	52.08	ng		100
61) 4-Chlorophenyl-phenyle...	15.922	204	541058	50.22	ng		99
62) 4-Nitroaniline	15.945	138	241781	49.12	ng		87
63) Azobenzene	16.216	77	1015815	52.86	ng		85
65) 4,6-Dinitro-2-methylph...	16.022	198	163137	53.61	ng	#	80
66) n-Nitrosodiphenylamine	16.134	169	905254	53.16	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	329666	50.65	ng		98
68) Hexachlorobenzene	16.981	284	363371	48.93	ng		97
69) Atrazine	17.069	200	282775	50.58	ng		98
70) Pentachlorophenol	17.310	266	354248	99.71	ng		100
71) Phenanthrene	17.681	178	1625015	52.05	ng		99
72) Anthracene	17.769	178	1667721	55.31	ng		99
73) Carbazole	18.022	167	1510367	53.99	ng		99
74) Di-n-butylphthalate	18.539	149	1802801	55.67	ng	#	99
75) Fluoranthene	19.616	202	1885228	52.33	ng		100
77) Benzidine	19.763	184	474261	40.17	ng		99
78) Pyrene	19.963	202	1913462	56.33	ng		99
80) Butylbenzylphthalate	20.780	149	792680	62.63	ng	#	83
81) Benzo(a)anthracene	21.657	228	1753777	53.13	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	228417	20.06	ng		98
83) Chrysene	21.716	228	1690818	53.31	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1138730	61.04	ng		100
85) Di-n-octyl phthalate	22.469	149	1953951	62.87	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.733	276	1946040	52.59	ng		99
88) Benzo(b)fluoranthene	23.404	252	1752441	52.21	ng		100
89) Benzo(k)fluoranthene	23.451	252	1654608	49.92	ng		99
90) Benzo(a)pyrene	24.051	252	1542959	49.66	ng		99
91) Dibenzo(a,h)anthracene	26.727	278	1655827	53.68	ng		98
92) Benzo(g,h,i)perylene	27.521	276	1649316	55.24	ng		98

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

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