Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003265.D
Acq On : 11 Sep 2020 17:51
Operator : CG/JU
Sample : L3943-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 357MSD

Quant Time: Sep 11 18:49:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	196948	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	721497	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	377475	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	643189	20.00	ng		0.00
76) Chrysene-d12	21.14	240	538078	20.00	ng		0.00
86) Perylene-d12	23.37	264	721488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1032396	92.68	ng		0.00
7) Phenol-d6	6.85	99	1189260	85.17	ng		0.01
23) Nitrobenzene-d5	8.80	82	729745	72.91	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	446425	87.44	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	1865855	72.39	ng		0.00
79) Terphenyl-d14	19.62	244	1685573	68.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	159639	37.486	ng		99
3) Pyridine	3.57	79	408389	36.438	ng		98
4) n-Nitrosodimethylamine	3.49	42	136983	46.805	ng		95
6) Aniline	6.98	93	412666	27.143	ng		99
8) 2-Chlorophenol	7.22	128	533200	42.935	ng		99
9) Benzaldehyde	6.79	77	212101	32.579	ng		97
10) Phenol	6.87	94	554195	42.825	ng		97
11) bis(2-Chloroethyl)ether	7.08	93	427792	41.766	ng		99
12) 1,3-Dichlorobenzene	7.53	146	617527	40.896	ng		98
13) 1,4-Dichlorobenzene	7.68	146	626380	41.090	ng		99
14) 1,2-Dichlorobenzene	7.99	146	595262	41.188	ng		99
15) Benzyl Alcohol	7.89	79	350492	44.548	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.18	45	355670	40.976	ng		98
17) 2-Methylphenol	8.10	107	385823	41.851	ng		99
18) Hexachloroethane	8.72	117	210705	42.250	ng		99
19) n-Nitroso-di-n-propylamine	8.45	70	255610	40.515	ng		98
20) 3+4-Methylphenols	8.43	107	496216	39.949	ng		98
22) Acetophenone	8.46	105	649556	40.426	ng	#	99
24) Nitrobenzene	8.84	77	430587	43.803	ng		99
25) Isophorone	9.36	82	776046	43.948	ng		100
26) 2-Nitrophenol	9.55	139	286368	48.877	ng		98
27) 2,4-Dimethylphenol	9.62	122	422758	47.999	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	518947	39.457	ng		99
29) 2,4-Dichlorophenol	10.09	162	464275	42.487	ng		98
30) 1,2,4-Trichlorobenzene	10.29	180	535829	41.183	ng		100
31) Naphthalene	10.48	128	1527251	41.201	ng		100
32) Benzoic acid	9.80	122	212387	34.325	ng		96
33) 4-Chloroaniline	10.59	127	203935	13.167	ng		98
34) Hexachlorobutadiene	10.77	225	334264	42.808	ng		100
35) Caprolactam	11.36	113	118665	36.137	ng		96
36) 4-Chloro-3-methylphenol	11.75	107	407051	39.896	ng		97
37) 2-Methylnaphthalene	12.10	142	1053911	39.745	ng		99
38) 1-Methylnaphthalene	12.32	142	966104	38.332	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	529184	47.299	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	457440	86.493 ng	100
43) 2,4,6-Trichlorophenol	12.72	196	329961	44.853 ng	99
44) 2,4,5-Trichlorophenol	12.81	196	342260	43.984 ng	99
46) 1,1'-Biphenyl	13.12	154	1263827	44.637 ng	100
47) 2-Chloronaphthalene	13.16	162	977461	42.175 ng	99
48) 2-Nitroaniline	13.37	65	183730	42.340 ng	97
49) Acenaphthylene	14.01	152	1471004	41.974 ng	99
50) Dimethylphthalate	13.76	163	1436488	49.903 ng	100
51) 2,6-Dinitrotoluene	13.87	165	243848	40.759 ng	97
52) Acenaphthene	14.36	154	879623	40.856 ng	99
53) 3-Nitroaniline	14.20	138	147657	21.784 ng	99
54) 2,4-Dinitrophenol	14.42	184	171122	55.040 ng	99
55) Dibenzofuran	14.69	168	1358961	40.191 ng	98
56) 4-Nitrophenol	14.55	139	324142	66.471 ng	94
57) 2,4-Dinitrotoluene	14.67	165	314020	39.037 ng	98
58) Fluorene	15.35	166	1027804	39.460 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	268762	38.175 ng	98
60) Diethylphthalate	15.13	149	1051043	37.216 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	519688	38.636 ng	99
62) 4-Nitroaniline	15.37	138	214913	30.845 ng	97
63) Azobenzene	15.63	77	743597	39.672 ng	98
65) 4,6-Dinitro-2-methylphenol	15.44	198	143272	46.578 ng	98
66) n-Nitrosodiphenylamine	15.56	169	884510	47.031 ng	100
67) 4-Bromophenyl-phenylether	16.24	248	327683	46.162 ng	99
68) Hexachlorobenzene	16.36	284	382109	45.213 ng	98
69) Atrazine	16.52	200	214432	33.805 ng	98
70) Pentachlorophenol	16.71	266	314361	77.785 ng	98
71) Phenanthrene	17.09	178	1465636	42.053 ng	100
72) Anthracene	17.18	178	1470749	44.093 ng	100
73) Carbazole	17.46	167	1256994	39.266 ng	99
74) Di-n-butylphthalate	18.02	149	1536127	40.820 ng	100
75) Fluoranthene	19.07	202	1479497	36.729 ng	100
77) Benzidine	19.25	184	534743	43.483 ng	99
78) Pyrene	19.42	202	1489778	42.659 ng	100
80) Butylbenzylphthalate	20.30	149	599826	41.716 ng	99
81) Benzo(a)anthracene	21.13	228	1397936	41.476 ng	100
82) 3,3'-Dichlorobenzidine	21.06	252	468648	37.801 ng	99
83) Chrysene	21.18	228	1376739	42.662 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	874611	42.119 ng	100
85) Di-n-octyl phthalate	21.93	149	1585215	44.525 ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	2534007	47.096 ng	99
88) Benzo(b)fluoranthene	22.70	252	1830902	40.829 ng	100
89) Benzo(k)fluoranthene	22.75	252	1687486	39.386 ng	99
90) Benzo(a)pyrene	23.28	252	1702610	40.926 ng	99
91) Dibenzo(a,h)anthracene	25.67	278	2101852	47.554 ng	99
92) Benzo(g,h,i)perylene	26.35	276	2199905	49.596 ng	99

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

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