Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003745.D
Acq On : 26 Oct 2020 17:41
Operator : CG/JU
Sample : L4501-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : COMP-1MSD

Quant Time: Oct 26 18:29:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.510	152	106369	20.00	ng		0.00
21) Naphthalene-d8	11.351	136	394284	20.00	ng		# 0.00
39) Acenaphthene-d10	15.110	164	263623	20.00	ng		0.00
64) Phenanthrene-d10	17.828	188	596769	20.00	ng		0.00
76) Chrysene-d12	21.845	240	609297	20.00	ng		# 0.00
86) Perylene-d12	24.415	264	642523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.010	112	743364	116.86	ng		0.00
7) Phenol-d6	7.663	99	1049877	116.82	ng		0.00
23) Nitrobenzene-d5	9.675	82	754695	80.97	ng		0.00
42) 2,4,6-Tribromophenol	16.586	330	389004	94.58	ng		0.00
45) 2-Fluorobiphenyl	13.739	172	1658335	81.32	ng		0.00
79) Terphenyl-d14	20.298	244	2558391	73.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.669	88	109466	40.28	ng	#	89
3) Pyridine	4.111	79	320044	41.63	ng		94
4) n-Nitrosodimethylamine	4.005	42	136547	41.64	ng	#	72
6) Aniline	7.805	93	195096	19.56	ng	#	90
8) 2-Chlorophenol	8.075	128	318864	50.35	ng		86
9) Benzaldehyde	7.604	77	128379	27.15	ng	#	78
10) Phenol	7.687	94	439082	51.30	ng		83
11) bis(2-Chloroethyl)ether	7.887	93	321741	47.37	ng		93
12) 1,3-Dichlorobenzene	8.404	146	368723	45.15	ng	#	93
13) 1,4-Dichlorobenzene	8.546	146	372948	45.22	ng	#	94
14) 1,2-Dichlorobenzene	8.881	146	357043	45.69	ng		94
15) Benzyl Alcohol	8.740	79	326444	47.52	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	9.034	45	294615	43.77	ng		97
17) 2-Methylphenol	8.963	107	289074	50.99	ng	#	91
18) Hexachloroethane	9.634	117	139217	43.80	ng		93
19) n-Nitroso-di-n-propyla...	9.310	70	254405	46.33	ng	#	88
20) 3+4-Methylphenols	9.287	107	392611	51.44	ng		93
22) Acetophenone	9.328	105	511623	44.34	ng	#	90
24) Nitrobenzene	9.722	77	388155	43.26	ng	#	79
25) Isophorone	10.246	82	694196	46.22	ng	#	89
26) 2-Nitrophenol	10.446	139	171043	51.04	ng	#	69
27) 2,4-Dimethylphenol	10.504	122	295294	56.10	ng	#	85
28) bis(2-Chloroethoxy)met...	10.716	93	418240	43.65	ng		98
29) 2,4-Dichlorophenol	10.998	162	336925	48.80	ng		96
30) 1,2,4-Trichlorobenzene	11.222	180	375865	42.48	ng		97
31) Naphthalene	11.404	128	955087	44.94	ng		99
32) Benzoic acid	10.651	122	179817	48.63	ng	#	69
33) 4-Chloroaniline	11.487	127	110935	12.66	ng	#	86
34) Hexachlorobutadiene	11.716	225	267634	40.08	ng		99
35) Caprolactam	12.216	113	103316	51.10	ng	#	62
36) 4-Chloro-3-methylphenol	12.592	107	373035	49.80	ng		85
37) 2-Methylnaphthalene	12.969	142	711535	46.13	ng	#	96
38) 1-Methylnaphthalene	13.187	142	662271	45.42	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.345	216	466965	44.73	ng		98
41) Hexachlorocyclopentadiene	13.339	237	642394	106.28	ng		100
43) 2,4,6-Trichlorophenol	13.563	196	298065	47.98	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.639	196	316196	48.99	ng	#	95
46) 1,1'-Biphenyl	13.945	154	938880	45.67	ng		98
47) 2-Chloronaphthalene	13.998	162	746726	43.43	ng		99
48) 2-Nitroaniline	14.175	65	219721	43.28	ng	#	64
49) Acenaphthylene	14.834	152	1135915	46.28	ng		100
50) Dimethylphthalate	14.534	163	1151924	53.18	ng		99
51) 2,6-Dinitrotoluene	14.651	165	214204	48.62	ng	#	77
52) Acenaphthene	15.175	154	834260	50.36	ng		84
53) 3-Nitroaniline	14.981	138	78199	18.08	ng	#	70
54) 2,4-Dinitrophenol	15.181	184	234571	93.11	ng	#	1
55) Dibenzofuran	15.498	168	1144324	45.69	ng		99
56) 4-Nitrophenol	15.292	139	335118	103.55	ng	#	54
57) 2,4-Dinitrotoluene	15.434	165	293638	49.26	ng	#	76
58) Fluorene	16.145	166	936322	46.34	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.733	232	301196	48.67	ng		90
60) Diethylphthalate	15.881	149	940630	44.32	ng		98
61) 4-Chlorophenyl-phenyle...	16.116	204	539982	44.20	ng		95
62) 4-Nitroaniline	16.133	138	184046	38.37	ng	#	65
63) Azobenzene	16.410	77	870477	43.64	ng		88
65) 4,6-Dinitro-2-methylph...	16.204	198	173634	55.19	ng		93
66) n-Nitrosodiphenylamine	16.328	169	833003	46.89	ng		98
67) 4-Bromophenyl-phenylether	17.010	248	353766	44.27	ng		95
68) Hexachlorobenzene	17.169	284	401754	43.69	ng		96
69) Atrazine	17.251	200	272638	39.36	ng		96
70) Pentachlorophenol	17.498	266	475007	104.60	ng		98
71) Phenanthrene	17.869	178	1506231	45.42	ng		100
72) Anthracene	17.957	178	1532419	47.84	ng		99
73) Carbazole	18.204	167	1324396	46.48	ng		99
74) Di-n-butylphthalate	18.710	149	1555642	44.72	ng	#	99
75) Fluoranthene	19.786	202	1860280	45.66	ng		99
77) Benzidine	19.927	184	423818	29.03	ng		99
78) Pyrene	20.133	202	1885890	46.21	ng		99
80) Butylbenzylphthalate	20.933	149	670027	44.82	ng	#	80
81) Benzo(a)anthracene	21.827	228	1839603	45.29	ng		98
82) 3,3'-Dichlorobenzidine	21.733	252	348767	24.52	ng	#	97
83) Chrysene	21.886	228	1754734	45.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.692	149	955800	44.67	ng	#	98
85) Di-n-octyl phthalate	22.651	149	1628559	46.89	ng	#	92
87) Indeno(1,2,3-cd)pyrene	27.098	276	2227684	48.31	ng	#	92
88) Benzo(b)fluoranthene	23.627	252	1975571	44.07	ng	#	97
89) Benzo(k)fluoranthene	23.680	252	1798854	42.04	ng	#	96
90) Benzo(a)pyrene	24.304	252	1708818	42.75	ng	#	97
91) Dibenzo(a,h)anthracene	27.098	278	1880178	48.78	ng	#	94
92) Benzo(g,h,i)perylene	27.927	276	1856380	51.96	ng	#	91

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

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