Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102620\
Data File : BP003744.D
Acq On : 26 Oct 2020 17:07
Operator : CG/JU
Sample : L4501-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED
mohammad
10/27/2020 12:26:02 PM

Quant Time: Oct 26 18:05:44 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	105345	20.00	ng		0.00
21) Naphthalene-d8	11.351	136	395356	20.00	ng		# 0.00
39) Acenaphthene-d10	15.110	164	263795	20.00	ng		0.00
64) Phenanthrene-d10	17.828	188	589882	20.00	ng		0.00
76) Chrysene-d12	21.845	240	604460	20.00	ng		# 0.00
86) Perylene-d12	24.415	264	634958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.011	112	743024	117.94	ng		0.00
7) Phenol-d6	7.663	99	1053267	118.33	ng		0.00
23) Nitrobenzene-d5	9.675	82	763702	81.72	ng		0.00
42) 2,4,6-Tribromophenol	16.581	330	384401	93.40	ng		0.00
45) 2-Fluorobiphenyl	13.740	172	1652523	80.99	ng		0.00
79) Terphenyl-d14	20.298	244	2532272	73.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.669	88	109251	40.59	ng	#	89
3) Pyridine	4.111	79	316101	41.52	ng		92
4) n-Nitrosodimethylamine	4.005	42	139168	42.85	ng	#	68
6) Aniline	7.805	93	197481	19.99	ng	#	86
8) 2-Chlorophenol	8.075	128	319551	50.95	ng		83
9) Benzaldehyde	7.605	77	127418	27.23	ng	#	80
10) Phenol	7.687	94	438243	51.70	ng		82
11) bis(2-Chloroethyl)ether	7.887	93	322163	47.89	ng		91
12) 1,3-Dichlorobenzene	8.405	146	372949	46.11	ng	#	93
13) 1,4-Dichlorobenzene	8.546	146	374770	45.88	ng	#	95
14) 1,2-Dichlorobenzene	8.881	146	356070	46.00	ng	#	95
15) Benzyl Alcohol	8.740	79	331698	48.75	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	9.034	45	297769	44.67	ng		99
17) 2-Methylphenol	8.963	107	288278	51.34	ng	#	91
18) Hexachloroethane	9.634	117	140827	44.74	ng		93
19) n-Nitroso-di-n-propyla...	9.310	70	254093	46.72	ng	#	87
20) 3+4-Methylphenols	9.287	107	386058	51.08	ng		93
22) Acetophenone	9.328	105	507496	43.86	ng	#	90
24) Nitrobenzene	9.722	77	391311	43.49	ng	#	80
25) Isophorone	10.246	82	698453	46.38	ng	#	89
26) 2-Nitrophenol	10.446	139	173826	51.73	ng	#	70
27) 2,4-Dimethylphenol	10.504	122	295260	55.95	ng	#	84
28) bis(2-Chloroethoxy)met...	10.716	93	422093	43.94	ng		98
29) 2,4-Dichlorophenol	10.998	162	335079	48.40	ng		94
30) 1,2,4-Trichlorobenzene	11.216	180	377726	42.57	ng		97
31) Naphthalene	11.404	128	962543	45.16	ng		100
32) Benzoic acid	10.651	122	184715	49.70	ng	#	68
33) 4-Chloroaniline	11.487	127	107746	12.27	ng	#	91
34) Hexachlorobutadiene	11.716	225	267286	39.92	ng		100
35) Caprolactam	12.216	113	101611	50.12	ng	#	60
36) 4-Chloro-3-methylphenol	12.593	107	370751	49.36	ng		85
37) 2-Methylnaphthalene	12.969	142	710611	45.95	ng	#	95
38) 1-Methylnaphthalene	13.187	142	662592m	45.32	ng		
40) 1,2,4,5-Tetrachloroben...	13.345	216	466633	44.67	ng		98
41) Hexachlorocyclopentadiene	13.340	237	658293	108.84	ng		100
43) 2,4,6-Trichlorophenol	13.563	196	297151	47.80	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.640	196	321193	49.74	ng	#	95
46) 1,1'-Biphenyl	13.945	154	932784	45.35	ng		98
47) 2-Chloronaphthalene	13.998	162	740394	43.04	ng		98
48) 2-Nitroaniline	14.175	65	216872	42.69	ng	#	65
49) Acenaphthylene	14.834	152	1125630	45.83	ng		99
50) Dimethylphthalate	14.534	163	1130297	52.15	ng		99
51) 2,6-Dinitrotoluene	14.645	165	208559	47.31	ng	#	66
52) Acenaphthene	15.175	154	827734	49.94	ng		84
53) 3-Nitroaniline	14.981	138	79645	18.40	ng	#	67
54) 2,4-Dinitrophenol	15.181	184	230245	91.43	ng	#	1
55) Dibenzofuran	15.498	168	1132495	45.19	ng		99
56) 4-Nitrophenol	15.292	139	329976	101.89	ng	#	54
57) 2,4-Dinitrotoluene	15.434	165	287247	48.16	ng	#	77
58) Fluorene	16.145	166	926621	45.83	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.728	232	295208	47.67	ng		91
60) Diethylphthalate	15.881	149	934308	44.00	ng		98
61) 4-Chlorophenyl-phenyle...	16.116	204	539762	44.15	ng		95
62) 4-Nitroaniline	16.134	138	184637	38.46	ng	#	68
63) Azobenzene	16.410	77	869417	43.56	ng		89
65) 4,6-Dinitro-2-methylph...	16.204	198	169961	54.65	ng		91
66) n-Nitrosodiphenylamine	16.328	169	820793	46.74	ng		97
67) 4-Bromophenyl-phenylether	17.004	248	352121	44.58	ng		98
68) Hexachlorobenzene	17.169	284	399352	43.94	ng		94
69) Atrazine	17.245	200	269805	39.40	ng		98
70) Pentachlorophenol	17.498	266	470631	104.85	ng		98
71) Phenanthrene	17.869	178	1481455	45.19	ng		99
72) Anthracene	17.957	178	1512522	47.77	ng		99
73) Carbazole	18.204	167	1305200	46.34	ng		99
74) Di-n-butylphthalate	18.710	149	1544131	44.91	ng	#	98
75) Fluoranthene	19.786	202	1851922	45.98	ng		98
77) Benzidine	19.927	184	400672	27.67	ng		99
78) Pyrene	20.133	202	1866414	46.10	ng		99
80) Butylbenzylphthalate	20.933	149	664162	44.78	ng	#	78
81) Benzo(a)anthracene	21.827	228	1821968	45.21	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	359132	25.45	ng	#	99
83) Chrysene	21.886	228	1735507	45.42	ng		99
84) Bis(2-ethylhexyl)phtha...	21.692	149	956433	45.06	ng	#	97
85) Di-n-octyl phthalate	22.651	149	1610116	46.73	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.104	276	2197526	48.22	ng	#	91
88) Benzo(b)fluoranthene	23.633	252	1949374	44.00	ng	#	97
89) Benzo(k)fluoranthene	23.680	252	1782915	42.16	ng	#	97
90) Benzo(a)pyrene	24.304	252	1695180	42.91	ng	#	97
91) Dibenzo(a,h)anthracene	27.104	278	1859920	48.82	ng	#	94
92) Benzo(g,h,i)perylene	27.933	276	1817339	51.47	ng	#	91

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

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