Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102820\
Data File : BP003771.D
Acq On : 28 Oct 2020 15:33
Operator : CG/JU
Sample : L4529-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-T3MSD

Quant Time: Oct 28 16:28:51 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	128646	20.00	ng		0.00
21) Naphthalene-d8	11.351	136	470622	20.00	ng	#	0.00
39) Acenaphthene-d10	15.110	164	307109	20.00	ng		0.00
64) Phenanthrene-d10	17.834	188	681724	20.00	ng		0.00
76) Chrysene-d12	21.857	240	720119	20.00	ng	#	0.01
86) Perylene-d12	24.433	264	756424	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.011	112	832693	108.24	ng		0.00
7) Phenol-d6	7.663	99	1081424	99.49	ng		0.00
23) Nitrobenzene-d5	9.675	82	699829	62.91	ng		0.00
42) 2,4,6-Tribromophenol	16.587	330	504891	105.38	ng		0.00
45) 2-Fluorobiphenyl	13.740	172	1371624	57.74	ng		0.00
79) Terphenyl-d14	20.304	244	2213570	54.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.675	88	124607	37.91	ng	#	89
3) Pyridine	4.117	79	366315	39.40	ng		95
4) n-Nitrosodimethylamine	4.011	42	151453	38.19	ng	#	75
6) Aniline	7.811	93	427743	35.46	ng	#	90
8) 2-Chlorophenol	8.075	128	370793	48.41	ng		85
9) Benzaldehyde	7.605	77	123235	20.26	ng	#	81
10) Phenol	7.693	94	511429	49.41	ng		85
11) bis(2-Chloroethyl)ether	7.893	93	372296	45.32	ng		94
12) 1,3-Dichlorobenzene	8.405	146	431119	43.65	ng	#	93
13) 1,4-Dichlorobenzene	8.546	146	438682	43.98	ng		96
14) 1,2-Dichlorobenzene	8.881	146	414063	43.81	ng		95
15) Benzyl Alcohol	8.740	79	369365	44.45	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	9.034	45	343761	42.23	ng		98
17) 2-Methylphenol	8.963	107	328948	47.98	ng	#	92
18) Hexachloroethane	9.634	117	160594	41.77	ng		94
19) n-Nitroso-di-n-propyla...	9.310	70	285400	42.97	ng	#	89
20) 3+4-Methylphenols	9.293	107	438639	47.52	ng		94
22) Acetophenone	9.328	105	581005	42.18	ng	#	91
24) Nitrobenzene	9.722	77	436721	40.77	ng	#	81
25) Isophorone	10.246	82	778541	43.43	ng	#	90
26) 2-Nitrophenol	10.446	139	198510	49.62	ng	#	73
27) 2,4-Dimethylphenol	10.504	122	341392	54.34	ng		89
28) bis(2-Chloroethoxy)met...	10.716	93	472001	41.27	ng		96
29) 2,4-Dichlorophenol	10.999	162	376406	45.67	ng		95
30) 1,2,4-Trichlorobenzene	11.216	180	431080	40.81	ng		98
31) Naphthalene	11.404	128	1100763	43.39	ng		99
32) Benzoic acid	10.652	122	200069	45.68	ng	#	74
33) 4-Chloroaniline	11.487	127	274797	26.28	ng	#	88
34) Hexachlorobutadiene	11.716	225	301902	37.88	ng		99
35) Caprolactam	12.222	113	115156	47.72	ng	#	70
36) 4-Chloro-3-methylphenol	12.593	107	404908	45.29	ng		85
37) 2-Methylnaphthalene	12.975	142	807870	43.88	ng		97
38) 1-Methylnaphthalene	13.187	142	754265	43.34	ng		99
40) 1,2,4,5-Tetrachloroben...	13.345	216	526796	43.31	ng		98
41) Hexachlorocyclopentadiene	13.340	237	714045	101.41	ng		99
43) 2,4,6-Trichlorophenol	13.569	196	326108	45.06	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.645	196	352337	46.86	ng		96
46) 1,1'-Biphenyl	13.951	154	1050161	43.85	ng		98
47) 2-Chloronaphthalene	13.998	162	827189	41.30	ng		99
48) 2-Nitroaniline	14.175	65	238239	40.28	ng	#	66
49) Acenaphthylene	14.840	152	1258275	44.01	ng		99
50) Dimethylphthalate	14.534	163	1293555	51.26	ng		99
51) 2,6-Dinitrotoluene	14.651	165	235634	45.91	ng	#	75
52) Acenaphthene	15.175	154	925801	47.98	ng		89
53) 3-Nitroaniline	14.981	138	160639	31.88	ng	#	64
54) 2,4-Dinitrophenol	15.187	184	270841	92.33	ng	#	1
55) Dibenzofuran	15.504	168	1270714	43.56	ng		99
56) 4-Nitrophenol	15.298	139	371641	98.57	ng	#	59
57) 2,4-Dinitrotoluene	15.434	165	325141	46.82	ng	#	74
58) Fluorene	16.145	166	1033180	43.89	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.734	232	329185	45.66	ng		91
60) Diethylphthalate	15.881	149	1055471	42.69	ng		98
61) 4-Chlorophenyl-phenyle...	16.122	204	595190	41.82	ng		93
62) 4-Nitroaniline	16.139	138	225246	40.31	ng	#	72
63) Azobenzene	16.416	77	937944	40.36	ng		91
65) 4,6-Dinitro-2-methylph...	16.204	198	202117	56.24	ng		93
66) n-Nitrosodiphenylamine	16.328	169	914712	45.07	ng		99
67) 4-Bromophenyl-phenylether	17.010	248	390787	42.81	ng		96
68) Hexachlorobenzene	17.175	284	449275	42.77	ng		95
69) Atrazine	17.251	200	302795	38.26	ng		97
70) Pentachlorophenol	17.504	266	543068	104.69	ng		98
71) Phenanthrene	17.875	178	1650396	43.56	ng		99
72) Anthracene	17.963	178	1691974	46.24	ng		99
73) Carbazole	18.210	167	1474514	45.30	ng		99
74) Di-n-butylphthalate	18.716	149	1727259	43.47	ng	#	99
75) Fluoranthene	19.792	202	2055365	44.16	ng		99
77) Benzidine	19.933	184	877871	50.88	ng		99
78) Pyrene	20.139	202	2078127	43.09	ng		99
80) Butylbenzylphthalate	20.945	149	768533	43.50	ng	#	84
81) Benzo(a)anthracene	21.839	228	2093128	43.60	ng		98
82) 3,3'-Dichlorobenzidine	21.739	252	508054	30.22	ng	#	98
83) Chrysene	21.898	228	2000632	43.95	ng		98
84) Bis(2-ethylhexyl)phtha...	21.698	149	1105585	43.72	ng		98
85) Di-n-octyl phthalate	22.663	149	1878539	45.76	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.127	276	2474566	45.58	ng	#	92
88) Benzo(b)fluoranthene	23.645	252	2163837	41.00	ng	#	98
89) Benzo(k)fluoranthene	23.698	252	2141170	42.51	ng	#	96
90) Benzo(a)pyrene	24.321	252	1942515	41.28	ng	#	97
91) Dibenzo(a,h)anthracene	27.121	278	2090545	46.07	ng	#	95
92) Benzo(g,h,i)perylene	27.956	276	2050720	48.75	ng	#	92

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

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