Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004819.D
Acq On : 19 Feb 2021 13:25
Operator : CG/JU
Sample : M1446-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : R-LA-3-5-WCMS

Quant Time: Feb 19 14:30:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	47266	20.00	ng		0.00
21) Naphthalene-d8	10.557	136	176346	20.00	ng	#	0.00
39) Acenaphthene-d10	14.410	164	113346	20.00	ng		0.00
64) Phenanthrene-d10	17.169	188	235128	20.00	ng		0.00
76) Chrysene-d12	21.251	240	276744	20.00	ng		0.00
86) Perylene-d12	23.557	264	299794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	283818	92.71	ng		0.00
7) Phenol-d6	6.946	99	348636	82.82	ng		0.00
23) Nitrobenzene-d5	8.922	82	221881	54.82	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	153457	101.90	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	520949	56.18	ng		0.00
79) Terphenyl-d14	19.728	244	793537	48.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	46234	35.29	ng	#	92
3) Pyridine	3.675	79	127407	38.41	ng		95
4) n-Nitrosodimethylamine	3.587	42	62632	45.38	ng	#	63
6) Aniline	7.093	93	164036	34.93	ng	#	87
8) 2-Chlorophenol	7.334	128	151635	47.41	ng		91
9) Benzaldehyde	6.905	77	51137	28.92	ng	#	76
10) Phenol	6.975	94	188439	46.24	ng		83
11) bis(2-Chloroethyl)ether	7.193	93	132865	42.64	ng		94
12) 1,3-Dichlorobenzene	7.652	146	172833	44.41	ng	#	93
13) 1,4-Dichlorobenzene	7.799	146	175327	44.34	ng	#	93
14) 1,2-Dichlorobenzene	8.110	146	162778	42.93	ng	#	94
15) Benzyl Alcohol	8.005	79	139489	44.13	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.287	45	110604	43.88	ng		98
17) 2-Methylphenol	8.216	107	125793	45.68	ng	#	91
18) Hexachloroethane	8.840	117	65864	44.46	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	105277	41.38	ng	#	88
20) 3+4-Methylphenols	8.540	107	165622	45.32	ng		94
22) Acetophenone	8.587	105	221421	43.20	ng	#	90
24) Nitrobenzene	8.963	77	164826	41.20	ng	#	82
25) Isophorone	9.487	82	288817	44.65	ng	#	90
26) 2-Nitrophenol	9.669	139	82267	51.91	ng	#	70
27) 2,4-Dimethylphenol	9.740	122	128617	52.18	ng		89
28) bis(2-Chloroethoxy)met...	9.975	93	169218	40.61	ng		98
29) 2,4-Dichlorophenol	10.210	162	137832	46.29	ng		95
30) 1,2,4-Trichlorobenzene	10.422	180	158226	43.01	ng		99
31) Naphthalene	10.604	128	446537	43.38	ng		100
32) Benzoic acid	9.887	122	91161	44.29	ng	#	78
33) 4-Chloroaniline	10.722	127	69709	16.51	ng	#	89
34) Hexachlorobutadiene	10.893	225	102333	41.41	ng		98
35) Caprolactam	11.510	113	43353	46.07	ng	#	77
36) 4-Chloro-3-methylphenol	11.863	107	161016	45.54	ng		89
37) 2-Methylnaphthalene	12.222	142	342484	46.78	ng	#	96
38) 1-Methylnaphthalene	12.446	142	320701	46.28	ng		99
40) 1,2,4,5-Tetrachloroben...	12.593	216	198692	48.79	ng	#	97
41) Hexachlorocyclopentadiene	12.575	237	281446	121.51	ng		99
43) 2,4,6-Trichlorophenol	12.840	196	126816	49.43	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	135135	50.12	ng		95
46) 1,1'-Biphenyl	13.240	154	428206	45.13	ng		98
47) 2-Chloronaphthalene	13.281	162	339317	43.63	ng		98
48) 2-Nitroaniline	13.493	65	93898	40.90	ng	#	67
49) Acenaphthylene	14.134	152	515836	44.90	ng		100
50) Dimethylphthalate	13.875	163	435224	43.65	ng		98
51) 2,6-Dinitrotoluene	13.993	165	95357	47.46	ng	#	68
52) Acenaphthene	14.475	154	315788	43.35	ng		99
53) 3-Nitroaniline	14.322	138	60315	28.87	ng	#	77
54) 2,4-Dinitrophenol	14.528	184	124684	107.74	ng	#	82
55) Dibenzofuran	14.810	168	503247	43.93	ng		96
56) 4-Nitrophenol	14.651	139	162268	98.98	ng	#	61
57) 2,4-Dinitrotoluene	14.781	165	130228	47.31	ng	#	70
58) Fluorene	15.463	166	416579	44.26	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	125953	49.10	ng		97
60) Diethylphthalate	15.240	149	420815	42.11	ng		100
61) 4-Chlorophenyl-phenyle...	15.457	204	222308	42.55	ng		98
62) 4-Nitroaniline	15.492	138	94332	41.33	ng	#	65
63) Azobenzene	15.751	77	374534	39.90	ng		87
65) 4,6-Dinitro-2-methylph...	15.545	198	84062	58.52	ng		92
66) n-Nitrosodiphenylamine	15.675	169	358614	46.90	ng		98
67) 4-Bromophenyl-phenylether	16.357	248	143042	47.25	ng		98
68) Hexachlorobenzene	16.469	284	157282	47.68	ng		96
69) Atrazine	16.634	200	116212	46.33	ng		97
70) Pentachlorophenol	16.816	266	209248	113.36	ng		99
71) Phenanthrene	17.210	178	630873	43.82	ng		100
72) Anthracene	17.298	178	649587	46.93	ng		99
73) Carbazole	17.575	167	584937	46.06	ng		99
74) Di-n-butylphthalate	18.128	149	703601	45.15	ng	#	98
75) Fluoranthene	19.180	202	800082	46.65	ng		99
77) Benzidine	19.363	184	231241	43.38	ng		99
78) Pyrene	19.533	202	808366	41.42	ng		98
80) Butylbenzylphthalate	20.404	149	333895	43.53	ng	#	84
81) Benzo(a)anthracene	21.239	228	856382	43.63	ng		98
82) 3,3'-Dichlorobenzidine	21.174	252	287352	46.19	ng		99
83) Chrysene	21.286	228	833637	43.86	ng		98
84) Bis(2-ethylhexyl)phtha...	21.163	149	498453	43.05	ng	#	96
85) Di-n-octyl phthalate	22.051	149	883570	47.06	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.933	276	1133049	47.34	ng	#	94
88) Benzo(b)fluoranthene	22.857	252	931896	42.44	ng		98
89) Benzo(k)fluoranthene	22.904	252	922755	43.78	ng	#	98
90) Benzo(a)pyrene	23.457	252	859793	43.33	ng	#	97
91) Dibenzo(a,h)anthracene	25.945	278	965569	48.35	ng	#	96
92) Benzo(g,h,i)perylene	26.657	276	925374	48.30	ng	#	95

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

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