Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010721\
Data File : BP004483.D
Acq On : 07 Jan 2021 16:56
Operator : CG/JU
Sample : M1035-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : R-LA-37-3-WCMS

Quant Time: Jan 08 00:05:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 14:50:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	302824	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	1137659	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	638976	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1224414	20.00	ng		0.00
76) Chrysene-d12	21.322	240	891615	20.00	ng		0.00
86) Perylene-d12	23.674	264	750454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1661041	89.88	ng		0.00
7) Phenol-d6	6.987	99	2168051	83.33	ng		0.00
23) Nitrobenzene-d5	8.975	82	1340046	55.99	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	793852	93.11	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2914000	57.80	ng		0.00
79) Terphenyl-d14	19.792	244	3047071	65.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	260050	29.68	ng		93
3) Pyridine	3.723	79	717311	30.19	ng		95
4) n-Nitrosodimethylamine	3.640	42	255940	33.36	ng	#	85
6) Aniline	7.146	93	759313	25.32	ng		96
8) 2-Chlorophenol	7.381	128	867752	43.98	ng		90
9) Benzaldehyde	6.958	77	158650	9.78	ng		87
10) Phenol	7.016	94	1133389	44.08	ng		96
11) bis(2-Chloroethyl)ether	7.240	93	850380	39.77	ng		93
12) 1,3-Dichlorobenzene	7.705	146	1008207	39.66	ng	#	96
13) 1,4-Dichlorobenzene	7.852	146	1020221	39.87	ng		98
14) 1,2-Dichlorobenzene	8.163	146	977240	40.30	ng		98
15) Benzyl Alcohol	8.052	79	683678	42.27	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.346	45	880097	32.28	ng		94
17) 2-Methylphenol	8.258	107	713349	43.50	ng		97
18) Hexachloroethane	8.893	117	364274	39.32	ng		97
19) n-Nitroso-di-n-propyla...	8.622	70	580158	37.70	ng	#	92
20) 3+4-Methylphenols	8.587	107	955899	43.88	ng		98
22) Acetophenone	8.634	105	1226223	39.94	ng	#	94
24) Nitrobenzene	9.016	77	924169	39.20	ng		87
25) Isophorone	9.540	82	1625322	41.32	ng		93
26) 2-Nitrophenol	9.728	139	457379	47.70	ng	#	91
27) 2,4-Dimethylphenol	9.787	122	754306	50.82	ng		96
28) bis(2-Chloroethoxy)met...	10.022	93	1055948	37.72	ng		98
29) 2,4-Dichlorophenol	10.263	162	822766	47.17	ng		97
30) 1,2,4-Trichlorobenzene	10.475	180	947397	40.61	ng		98
31) Naphthalene	10.663	128	2604961	40.29	ng		100
32) Benzoic acid	9.940	122	445062	45.39	ng		84
33) 4-Chloroaniline	10.769	127	196532	7.53	ng	#	95
34) Hexachlorobutadiene	10.946	225	604927	41.38	ng		99
35) Caprolactam	11.552	113	229527	40.05	ng	#	61
36) 4-Chloro-3-methylphenol	11.904	107	771324	44.07	ng		95
37) 2-Methylnaphthalene	12.275	142	1810974	40.08	ng		99
38) 1-Methylnaphthalene	12.499	142	1691456	39.46	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1018715	44.08	ng		98
41) Hexachlorocyclopentadiene	12.628	237	1239875	106.98	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	643541	45.86	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	676601	45.40	ng		98
46) 1,1'-Biphenyl	13.293	154	2251774	41.71	ng		98
47) 2-Chloronaphthalene	13.334	162	1775809	40.09	ng		99
48) 2-Nitroaniline	13.540	65	418589	34.41	ng	#	75
49) Acenaphthylene	14.187	152	2704649	41.49	ng		100
50) Dimethylphthalate	13.922	163	2153003	40.95	ng		99
51) 2,6-Dinitrotoluene	14.046	165	473364	42.83	ng		92
52) Acenaphthene	14.528	154	1599590	39.34	ng		98
53) 3-Nitroaniline	14.369	138	199209	16.45	ng	#	82
54) 2,4-Dinitrophenol	14.587	184	472778	91.02	ng	#	89
55) Dibenzofuran	14.869	168	2581952	40.13	ng		98
56) 4-Nitrophenol	14.693	139	719499	79.40	ng		86
57) 2,4-Dinitrotoluene	14.840	165	624159	40.28	ng	#	88
58) Fluorene	15.522	166	1999430	39.58	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	585567	45.77	ng		93
60) Diethylphthalate	15.293	149	1979781	39.26	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	1090374	39.66	ng		94
62) 4-Nitroaniline	15.540	138	422493	33.44	ng		91
63) Azobenzene	15.810	77	1790339	37.27	ng		93
65) 4,6-Dinitro-2-methylph...	15.610	198	330368	54.16	ng		96
66) n-Nitrosodiphenylamine	15.728	169	1727430	44.77	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	685294	44.91	ng		97
68) Hexachlorobenzene	16.534	284	769071	42.24	ng		97
69) Atrazine	16.687	200	501640	40.18	ng		99
70) Pentachlorophenol	16.875	266	803812	93.15	ng		99
71) Phenanthrene	17.269	178	3032490	41.19	ng		100
72) Anthracene	17.363	178	3058022	43.98	ng		100
73) Carbazole	17.634	167	2619495	40.67	ng		99
74) Di-n-butylphthalate	18.186	149	3061224	43.82	ng		99
75) Fluoranthene	19.239	202	3272801	38.70	ng		99
77) Benzidine	19.422	184	929405	60.24	ng		98
78) Pyrene	19.598	202	3244528	53.39	ng		100
80) Butylbenzylphthalate	20.469	149	1059954	46.56	ng		89
81) Benzo(a)anthracene	21.304	228	2630548	42.96	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	440229	23.39	ng		99
83) Chrysene	21.357	228	2562116	43.43	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1494879	42.55	ng		99
85) Di-n-octyl phthalate	22.139	149	2205425	39.07	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.098	276	2680146	46.71	ng		99
88) Benzo(b)fluoranthene	22.963	252	2351351	47.55	ng		99
89) Benzo(k)fluoranthene	23.010	252	2276220	46.36	ng		98
90) Benzo(a)pyrene	23.574	252	2044794	45.36	ng		99
91) Dibenzo(a,h)anthracene	26.110	278	2203716	46.72	ng		99
92) Benzo(g,h,i)perylene	26.839	276	2318105	50.34	ng		99

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

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