Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090921\
Data File : BM032115.D
Acq On : 09 Sep 2021 18:31
Operator : CG/JU
Sample : M3655-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CON-GROWSMSD

Quant Time: Sep 10 03:08:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 19:23:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.357	152	70405	20.000	ng	0.00
21) Naphthalene-d8	10.110	136	268771	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	166157	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	316628	20.000	ng	0.00
76) Chrysene-d12	20.998	240	290701	20.000	ng	-0.01
86) Perylene-d12	23.092	264	297122	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.005	112	485524	123.054	ng	0.00
7) Phenol-d6	6.563	99	553747	92.252	ng	0.00
23) Nitrobenzene-d5	8.510	82	488658	81.027	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	175738	133.086	ng	0.00
45) 2-Fluorobiphenyl	12.622	172	971884	76.692	ng	0.00
79) Terphenyl-d14	19.445	244	1445728	81.143	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	68592	38.410	ng	# 82
3) Pyridine	3.416	79	136849	29.391	ng	92
4) n-Nitrosodimethylamine	3.328	42	103557	42.609	ng	# 64
6) Aniline	6.710	93	114308	17.213	ng	98
8) 2-Chlorophenol	6.934	128	189713	43.048	ng	100
9) Benzaldehyde	6.528	77	106118	30.904	ng	99
10) Phenol	6.593	94	216408	35.548	ng	95
11) bis(2-Chloroethyl)ether	6.816	93	202553	44.085	ng	99
12) 1,3-Dichlorobenzene	7.246	146	220889	40.527	ng	98
13) 1,4-Dichlorobenzene	7.393	146	228874	41.473	ng	99
14) 1,2-Dichlorobenzene	7.698	146	221935	41.113	ng	97
15) Benzyl Alcohol	7.610	79	208725	44.196	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.881	45	288436	43.606	ng	98
17) 2-Methylphenol	7.816	107	162620	39.897	ng	98
18) Hexachloroethane	8.398	117	90345	43.495	ng	90
19) n-Nitroso-di-n-propyla...	8.169	70	175322	39.927	ng	92
20) 3+4-Methylphenols	8.145	107	214184	39.662	ng	98
22) Acetophenone	8.181	105	337280	43.550	ng	96
24) Nitrobenzene	8.551	77	272673	42.425	ng	97
25) Isophorone	9.075	82	437579	39.067	ng	99
26) 2-Nitrophenol	9.251	139	74009	59.997	ng	92
27) 2,4-Dimethylphenol	9.322	122	174931	46.854	ng	98
28) bis(2-Chloroethoxy)met...	9.563	93	258166	46.027	ng	97
29) 2,4-Dichlorophenol	9.775	162	181050	44.668	ng	99
30) 1,2,4-Trichlorobenzene	9.981	180	226885	41.190	ng	97
31) Naphthalene	10.157	128	613803	40.830	ng	99
32) Benzoic acid	9.463	122	22450	17.373	ng	97
33) 4-Chloroaniline	10.304	127	50008	8.649	ng	98
34) Hexachlorobutadiene	10.434	225	147393	39.867	ng	96
35) Caprolactam	11.104	113	36846	33.094	ng	94
36) 4-Chloro-3-methylphenol	11.434	107	191569	40.290	ng	100
37) 2-Methylnaphthalene	11.786	142	438081	40.223	ng	98
38) 1-Methylnaphthalene	12.010	142	402299	39.065	ng	98
40) 1,2,4,5-Tetrachloroben...	12.163	216	245980	44.246	ng	98
41) Hexachlorocyclopentadiene	12.133	237	218515	106.889	ng	99
43) 2,4,6-Trichlorophenol	12.428	196	107584	47.665	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.498	196	131368	47.806	ng		93
46) 1,1'-Biphenyl	12.833	154	534427	42.165	ng		99
47) 2-Chloronaphthalene	12.869	162	441098	42.911	ng		96
48) 2-Nitroaniline	13.104	65	138203	47.354	ng		99
49) Acenaphthylene	13.733	152	663634	43.058	ng		99
50) Dimethylphthalate	13.498	163	525202	43.531	ng		99
51) 2,6-Dinitrotoluene	13.622	165	110659	45.154	ng	#	80
52) Acenaphthene	14.080	154	399598	41.721	ng		98
53) 3-Nitroaniline	13.951	138	57034	26.581	ng		95
54) 2,4-Dinitrophenol	14.175	184	21376	30.827	ng	#	75
55) Dibenzofuran	14.422	168	650383	40.731	ng		95
56) 4-Nitrophenol	14.286	139	108380	90.374	ng		93
57) 2,4-Dinitrotoluene	14.422	165	146410	43.110	ng		94
58) Fluorene	15.080	166	520220	41.466	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	88392	44.008	ng	#	84
60) Diethylphthalate	14.880	149	575093	49.091	ng		96
61) 4-Chlorophenyl-phenyle...	15.086	204	275863	40.938	ng		89
62) 4-Nitroaniline	15.133	138	82463	39.121	ng		93
63) Azobenzene	15.380	77	584369	42.663	ng		92
65) 4,6-Dinitro-2-methylph...	15.192	198	22470	21.231	ng		81
66) n-Nitrosodiphenylamine	15.310	169	438575	42.324	ng		95
67) 4-Bromophenyl-phenylether	15.980	248	156383	42.005	ng		92
68) Hexachlorobenzene	16.080	284	175652	41.725	ng	#	85
69) Atrazine	16.280	200	158803	49.956	ng		96
70) Pentachlorophenol	16.439	266	114108	82.668	ng		99
71) Phenanthrene	16.821	178	763014	42.124	ng		99
72) Anthracene	16.915	178	772173	43.609	ng		99
73) Carbazole	17.198	167	683729	42.043	ng		98
74) Di-n-butylphthalate	17.774	149	832092	49.226	ng		99
75) Fluoranthene	18.857	202	859833	42.600	ng		99
77) Benzidine	19.068	184	182865	34.152	ng		98
78) Pyrene	19.221	202	887349	40.067	ng		99
80) Butylbenzylphthalate	20.156	149	338902	46.822	ng		96
81) Benzo(a)anthracene	20.986	228	811310	41.665	ng		99
82) 3,3'-Dichlorobenzidine	20.933	252	205009	38.240	ng		98
83) Chrysene	21.039	228	867168	41.954	ng		98
84) Bis(2-ethylhexyl)phtha...	20.939	149	518166	47.477	ng		97
85) Di-n-octyl phthalate	21.792	149	876207	52.435	ng		97
87) Indeno(1,2,3-cd)pyrene	25.138	276	1029578	51.097	ng	#	95
88) Benzo(b)fluoranthene	22.480	252	860739	43.301	ng		97
89) Benzo(k)fluoranthene	22.521	252	887468	41.293	ng		98
90) Benzo(a)pyrene	23.003	252	840440	46.035	ng		99
91) Dibenzo(a,h)anthracene	25.144	278	883913	50.878	ng		97
92) Benzo(g,h,i)perylene	25.756	276	887031	51.563	ng		98

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

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