Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
Data File : BM032497.D
Acq On : 13 Oct 2021 15:50
Operator : CG/JU
Sample : M4156-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 13 16:44:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 12:02:28 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
20-20211008-WCMS

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:43 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.602	152	250455	20.00	ng		0.00
21) Naphthalene-d8	10.390	136	940416	20.00	ng		# 0.00
39) Acenaphthene-d10	14.248	164	477013	20.00	ng		0.00
64) Phenanthrene-d10	16.977	188	903717	20.00	ng		# 0.00
76) Chrysene-d12	21.148	240	689353	20.00	ng		0.00
86) Perylene-d12	23.283	264	53491	20.00	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.178	112	1791185	120.50	ng		0.00
7) Phenol-d6	6.802	99	1991731	97.98	ng		0.00
23) Nitrobenzene-d5	8.760	82	1498685	88.63	ng		0.00
42) 2,4,6-Tribromophenol	15.736	330	682383	127.78	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	2980598	92.90	ng		0.00
79) Terphenyl-d14	19.595	244	2790303	85.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.990	88	662754	104.77	ng	#	96
3) Pyridine	3.414	79	353797	20.67	ng		93
4) n-Nitrosodimethylamine	3.308	42	292495	42.61	ng	#	62
6) Aniline	6.937	93	250948	11.17	ng		91
8) 2-Chlorophenol	7.172	128	746872	46.10	ng		93
9) Benzaldehyde	6.731	77	320583	27.02	ng		86
10) Phenol	6.825	94	789544	40.34	ng		82
11) bis(2-Chloroethyl)ether	7.025	93	731371	46.99	ng		93
12) 1,3-Dichlorobenzene	7.496	146	832704	45.60	ng	#	91
13) 1,4-Dichlorobenzene	7.637	146	847131	45.58	ng		98
14) 1,2-Dichlorobenzene	7.954	146	816728	45.78	ng		96
15) Benzyl Alcohol	7.843	79	185353	13.31	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.131	45	917247	46.51	ng		98
17) 2-Methylphenol	8.066	107	545624	41.25	ng	#	89
18) Hexachloroethane	8.684	117	317117	50.12	ng		93
19) n-Nitroso-di-n-propyla...	8.413	70	495885	44.87	ng	#	83
20) 3+4-Methylphenols	8.396	107	700355	39.25	ng		95
22) Acetophenone	8.419	105	1064312	46.96	ng	#	87
24) Nitrobenzene	8.801	77	832096	51.02	ng	#	87
25) Isophorone	9.319	82	1307218	46.53	ng		96
26) 2-Nitrophenol	9.507	139	389679	51.36	ng	#	75
27) 2,4-Dimethylphenol	9.584	122	604271	47.21	ng		95
28) bis(2-Chloroethoxy)met...	9.801	93	388769	19.24	ng		99
29) 2,4-Dichlorophenol	10.048	162	658232	46.17	ng		96
30) 1,2,4-Trichlorobenzene	10.260	180	732196	45.27	ng		98
31) Naphthalene	10.437	128	2243038	46.48	ng		99
32) Benzoic acid	9.748	122	409607	42.92	ng	#	82
33) 4-Chloroaniline	10.548	127	91682	4.60	ng	#	93
34) Hexachlorobutadiene	10.743	225	444633	46.01	ng		98
35) Caprolactam	11.313	113	143748	32.90	ng	#	79
36) 4-Chloro-3-methylphenol	11.695	107	626595	40.82	ng		97
37) 2-Methylnaphthalene	12.054	142	1541728m	47.01	ng		
38) 1-Methylnaphthalene	12.278	142	1436060	44.81	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.442	216	713591	51.93	ng		97
41) Hexachlorocyclopentadiene	12.431	237	959487	146.48	ng		98
43) 2,4,6-Trichlorophenol	12.684	196	492859	51.84	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.754	196	521741	51.05	ng	#	92
46) 1,1'-Biphenyl	13.078	154	1824140	51.82	ng		99
47) 2-Chloronaphthalene	13.119	162	1431699	53.04	ng		99
48) 2-Nitroaniline	13.319	65	236500	32.22	ng	#	82
49) Acenaphthylene	13.972	152	1549639	36.97	ng		100
50) Dimethylphthalate	13.707	163	1733393	51.46	ng		99
51) 2,6-Dinitrotoluene	13.819	165	365274	53.53	ng	#	63
52) Acenaphthene	14.313	154	1546811m	55.95	ng		
53) 3-Nitroaniline	14.148	138	107680	14.04	ng		88
54) 2,4-Dinitrophenol	14.354	184	446959	118.05	ng	#	65
55) Dibenzofuran	14.648	168	2061018	48.97	ng		93
56) 4-Nitrophenol	14.483	139	543067	85.89	ng	#	66
57) 2,4-Dinitrotoluene	14.607	165	484537	53.87	ng	#	61
58) Fluorene	15.295	166	1540407	48.12	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.883	232	422559	48.00	ng	#	83
60) Diethylphthalate	15.072	149	1596839	48.29	ng		95
61) 4-Chlorophenyl-phenyle...	15.289	204	769665	46.42	ng		93
62) 4-Nitroaniline	15.313	138	147646	19.29	ng	#	67
63) Azobenzene	15.578	77	1210170	38.44	ng		85
65) 4,6-Dinitro-2-methylph...	15.372	198	259212	50.96	ng	#	77
66) n-Nitrosodiphenylamine	15.501	169	352118	13.20	ng		96
67) 4-Bromophenyl-phenylether	16.177	248	470194	49.99	ng		92
68) Hexachlorobenzene	16.313	284	516131	49.85	ng	#	82
70) Pentachlorophenol	16.648	266	651877	102.01	ng		98
71) Phenanthrene	17.019	178	2299891	48.49	ng		100
72) Anthracene	17.107	178	2210950	47.70	ng		100
73) Carbazole	17.377	167	168659	3.66	ng		97
74) Di-n-butylphthalate	17.936	149	2553389	51.64	ng	#	97
75) Fluoranthene	19.030	202	2358762	44.84	ng		97
78) Pyrene	19.389	202	2028048	43.39	ng		99
80) Butylbenzylphthalate	20.283	149	752634	42.39	ng		90
81) Benzo(a)anthracene	21.130	228	1954251	45.35	ng		99
83) Chrysene	21.183	228	2036935	48.87	ng		99
84) Bis(2-ethylhexyl)phtha...	21.054	149	1482435	61.93	ng		95
85) Di-n-octyl phthalate	21.895	149	2422038	60.33	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.406	276	1846299	560.13	ng	#	93
88) Benzo(b)fluoranthene	22.654	252	2113794	649.62	ng		99
89) Benzo(k)fluoranthene	22.695	252	1813404	570.48	ng		98
90) Benzo(a)pyrene	23.195	252	1312867	497.54	ng		97
91) Dibenzo(a,h)anthracene	25.412	278	1989962	716.09	ng	#	96
92) Benzo(g,h,i)perylene	26.059	276	1560512	568.02	ng	#	95

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

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