Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028884.D
Acq On : 24 Feb 2021 18:08
Operator : CG/JU
Sample : M1469-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-08-022321MS

Manual Integrations APPROVED
mohammad
2/25/2021 1:11:23 PM

Quant Time: Feb 25 00:11:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 16:39:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	18610	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	69550	20.00	ng		# 0.00
39) Acenaphthene-d10	14.469	164	34644	20.00	ng		0.00
64) Phenanthrene-d10	17.210	188	60267	20.00	ng		0.00
76) Chrysene-d12	21.368	240	58053	20.00	ng		# 0.00
86) Perylene-d12	23.586	264	64044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	127194	113.29	ng		0.00
7) Phenol-d6	6.998	99	151317	102.04	ng		0.00
23) Nitrobenzene-d5	8.981	82	94544	73.34	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	39813	96.96	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	184673	70.96	ng		0.00
79) Terphenyl-d14	19.821	244	174500	55.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	16873	39.97	ng	#	66
3) Pyridine	3.599	79	46472	41.71	ng	#	53
4) n-Nitrosodimethylamine	3.516	42	28866	46.38	ng	#	57
6) Aniline	7.140	93	19361	12.21	ng		98
8) 2-Chlorophenol	7.369	128	56379	42.27	ng		94
9) Benzaldehyde	6.946	77	16838	20.83	ng	#	74
10) Phenol	7.022	94	67112	45.54	ng		87
11) bis(2-Chloroethyl)ether	7.240	93	50181	44.89	ng		93
12) 1,3-Dichlorobenzene	7.687	146	62776	43.16	ng	#	93
13) 1,4-Dichlorobenzene	7.840	146	64006	43.39	ng		98
14) 1,2-Dichlorobenzene	8.157	146	60347	42.52	ng		98
15) Benzyl Alcohol	8.063	79	43723	41.23	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.345	45	75207	43.68	ng		73
17) 2-Methylphenol	8.275	107	41893	41.86	ng	#	89
18) Hexachloroethane	8.875	117	23878	44.55	ng		90
19) n-Nitroso-di-n-propyla...	8.628	70	35936	41.19	ng	#	64
20) 3+4-Methylphenols	8.604	107	55776	41.43	ng		90
22) Acetophenone	8.645	105	77018	45.41	ng	#	89
24) Nitrobenzene	9.028	77	55715	42.51	ng	#	85
25) Isophorone	9.551	82	92415	40.74	ng	#	95
26) 2-Nitrophenol	9.734	139	29369	44.36	ng	#	82
27) 2,4-Dimethylphenol	9.798	122	45056	45.35	ng		90
28) bis(2-Chloroethoxy)met...	10.034	93	60453	46.90	ng		99
29) 2,4-Dichlorophenol	10.269	162	45763	40.26	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	52993	42.52	ng		99
31) Naphthalene	10.657	128	158985	41.46	ng		98
32) Benzoic acid	9.975	122	29803	41.85	ng	#	83
33) 4-Chloroaniline	10.786	127	16503	10.71	ng	#	91
34) Hexachlorobutadiene	10.928	225	30541	40.87	ng		96
35) Caprolactam	11.604	113	12388	39.84	ng	#	71
36) 4-Chloro-3-methylphenol	11.928	107	43674	38.13	ng		91
37) 2-Methylnaphthalene	12.275	142	108110	40.07	ng		96
38) 1-Methylnaphthalene	12.498	142	100173	39.20	ng		97
40) 1,2,4,5-Tetrachloroben...	12.645	216	49543	45.74	ng		98
41) Hexachlorocyclopentadiene	12.610	237	44245	107.16	ng		100
43) 2,4,6-Trichlorophenol	12.898	196	32572	42.90	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	33390	40.97	ng	#	97
46) 1,1'-Biphenyl	13.298	154	125476	45.16	ng		99
47) 2-Chloronaphthalene	13.339	162	98648	43.49	ng		99
48) 2-Nitroaniline	13.563	65	27190	44.57	ng	#	85
49) Acenaphthylene	14.192	152	148043	42.50	ng		99
50) Dimethylphthalate	13.933	163	115035	43.82	ng		99
51) 2,6-Dinitrotoluene	14.063	165	24539	40.09	ng		93
52) Acenaphthene	14.533	154	89312	41.81	ng		99
53) 3-Nitroaniline	14.392	138	15168	25.43	ng		83
54) 2,4-Dinitrophenol	14.616	184	21586	68.94	ng		89
55) Dibenzofuran	14.869	168	134092	39.98	ng		100
56) 4-Nitrophenol	14.722	139	38325	78.34	ng	#	79
57) 2,4-Dinitrotoluene	14.857	165	32247	40.33	ng		91
58) Fluorene	15.516	166	107711	40.07	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.098	232	25936m	39.60	ng		
60) Diethylphthalate	15.292	149	109551	41.47	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	51517	40.17	ng		92
62) 4-Nitroaniline	15.563	138	21192	36.75	ng		86
63) Azobenzene	15.804	77	96908	39.76	ng		88
65) 4,6-Dinitro-2-methylph...	15.621	198	14455	34.06	ng		82
66) n-Nitrosodiphenylamine	15.733	169	89631	43.48	ng		97
67) 4-Bromophenyl-phenylether	16.404	248	29271	43.28	ng		92
68) Hexachlorobenzene	16.516	284	32152	42.67	ng		95
69) Atrazine	16.680	200	24008	37.43	ng		98
70) Pentachlorophenol	16.868	266	35793	88.80	ng		97
71) Phenanthrene	17.251	178	165694	46.17	ng		99
72) Anthracene	17.339	178	157064	44.18	ng		98
73) Carbazole	17.621	167	137698	40.37	ng		99
74) Di-n-butylphthalate	18.168	149	168368	43.41	ng		98
75) Fluoranthene	19.262	202	190933	48.41	ng		98
77) Benzidine	19.451	184	61534	32.17	ng		99
78) Pyrene	19.621	202	187875	44.05	ng		99
80) Butylbenzylphthalate	20.515	149	75966	41.38	ng		94
81) Benzo(a)anthracene	21.356	228	176841	43.89	ng		99
82) 3,3'-Dichlorobenzidine	21.292	252	39714	28.53	ng	#	97
83) Chrysene	21.409	228	172625	43.97	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	111310	42.13	ng	#	96
85) Di-n-octyl phthalate	22.145	149	201403	44.93	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.821	276	224960	46.55	ng	#	90
88) Benzo(b)fluoranthene	22.921	252	198610	43.90	ng	#	96
89) Benzo(k)fluoranthene	22.968	252	178638	41.57	ng	#	97
90) Benzo(a)pyrene	23.492	252	176507	42.76	ng	#	97
91) Dibenzo(a,h)anthracene	25.827	278	186670	44.44	ng	#	94
92) Benzo(g,h,i)perylene	26.509	276	188236	46.42	ng	#	91

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

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