Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
Data File : BM044086.D
Acq On : 14 Feb 2024 17:13
Operator : MA/JU
Sample : P1423-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-3MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Quant Time: Feb 14 17:58:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	485632	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	2038598	20.000	ng		-0.01
39) Acenaphthene-d10	14.545	164	1079909	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	1946125	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1253127	20.000	ng		0.00
86) Perylene-d12	23.897	264	1388830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	4651478	139.308	ng		0.00
7) Phenol-d6	7.081	99	5438766	128.021	ng		0.00
23) Nitrobenzene-d5	9.081	82	3572803	92.998	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1301286	111.293	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	6982381	91.252	ng		0.00
79) Terphenyl-d14	19.939	244	7121076	99.619	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	529339	39.946	ng	#	32
3) Pyridine	3.799	79	1318896	37.699	ng		99
4) n-Nitrosodimethylamine	3.710	42	679656	51.202	ng		97
6) Aniline	7.240	93	913737	21.875	ng		98
8) 2-Chlorophenol	7.469	128	1807790	51.847	ng		99
9) Benzaldehyde	7.051	77	199303	9.129	ng		98
10) Phenol	7.104	94	2021523	47.148	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	1738019	48.951	ng		100
12) 1,3-Dichlorobenzene	7.792	146	1633047	41.251	ng		99
13) 1,4-Dichlorobenzene	7.940	146	1661226	41.630	ng		99
14) 1,2-Dichlorobenzene	8.251	146	1628967	42.841	ng		98
15) Benzyl Alcohol	8.157	79	1473900m	53.283	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2134813	47.429	ng		99
17) 2-Methylphenol	8.351	107	1438483	51.110	ng		98
18) Hexachloroethane	8.975	117	624760	41.814	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	1302196	49.918	ng		99
20) 3+4-Methylphenols	8.687	107	1943938	50.183	ng		100
22) Acetophenone	8.739	105	2549086	49.262	ng	#	100
24) Nitrobenzene	9.122	77	1829081	46.493	ng		99
25) Isophorone	9.645	82	3583836	48.446	ng		99
26) 2-Nitrophenol	9.822	139	896641	49.158	ng		99
27) 2,4-Dimethylphenol	9.886	122	1336874	57.320	ng		97
28) bis(2-Chloroethoxy)met...	10.133	93	2346893	49.055	ng		100
29) 2,4-Dichlorophenol	10.357	162	1580247	51.463	ng		97
30) 1,2,4-Trichlorobenzene	10.569	180	1470731	42.595	ng		98
31) Naphthalene	10.757	128	5001479	44.452	ng		99
32) Benzoic acid	9.963	122	149083m	6.346	ng		
33) 4-Chloroaniline	10.881	127	294177	6.905	ng		99
34) Hexachlorobutadiene	11.028	225	774306	39.179	ng		99
35) Caprolactam	11.680	113	378616	38.317	ng		98
36) 4-Chloro-3-methylphenol	12.004	107	1646939	49.532	ng		99
37) 2-Methylnaphthalene	12.369	142	3379078	45.087	ng		98
38) 1-Methylnaphthalene	12.586	142	3224582	43.786	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1517730	48.352	ng		99
41) Hexachlorocyclopentadiene	12.704	237	1474240	107.619	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	1090978	51.071	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1134228	48.383	ng	#	94
46) 1,1'-Biphenyl	13.386	154	4251173	49.889	ng		100
47) 2-Chloronaphthalene	13.427	162	3275126	48.520	ng		100
48) 2-Nitroaniline	13.639	65	1018128	53.615	ng		96
49) Acenaphthylene	14.274	152	5279239	52.424	ng		100
50) Dimethylphthalate	14.021	163	3952756	49.367	ng		99
51) 2,6-Dinitrotoluene	14.139	165	844318	47.795	ng		94
52) Acenaphthene	14.610	154	3023407	48.510	ng		100
53) 3-Nitroaniline	14.469	138	501757	26.429	ng		96
54) 2,4-Dinitrophenol	14.674	184	31459	8.347	ng		94
55) Dibenzofuran	14.951	168	4642798	48.129	ng		99
56) 4-Nitrophenol	14.780	139	1067737	69.185	ng		98
57) 2,4-Dinitrotoluene	14.927	165	1099460	47.619	ng		99
58) Fluorene	15.598	166	3557922	47.730	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	738950	40.171	ng		98
60) Diethylphthalate	15.386	149	3992396	48.247	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	1675153	46.378	ng		97
62) 4-Nitroaniline	15.633	138	847400	44.342	ng		100
63) Azobenzene	15.892	77	4059015	52.282	ng		98
65) 4,6-Dinitro-2-methylph...	15.686	198	53224	4.590	ng		98
66) n-Nitrosodiphenylamine	15.815	169	3185518	53.877	ng		100
67) 4-Bromophenyl-phenylether	16.498	248	978393	50.849	ng		100
68) Hexachlorobenzene	16.592	284	1086548	46.099	ng		95
69) Atrazine	16.774	200	952981	59.525	ng		99
70) Pentachlorophenol	16.957	266	328261	21.409	ng		99
71) Phenanthrene	17.345	178	5251979	51.105	ng		100
72) Anthracene	17.433	178	5309793	52.190	ng		99
73) Carbazole	17.709	167	4688978	47.390	ng		99
74) Di-n-butylphthalate	18.286	149	6519694	50.694	ng		100
75) Fluoranthene	19.362	202	5213606	45.163	ng		99
77) Benzidine	19.562	184	1178816	60.533	ng		99
78) Pyrene	19.727	202	5342336	55.355	ng		100
80) Butylbenzylphthalate	20.650	149	2553620	59.526	ng		98
81) Benzo(a)anthracene	21.486	228	4566779	52.391	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	1149558	40.194	ng		99
83) Chrysene	21.539	228	4235493	51.431	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	3636337	57.449	ng		99
85) Di-n-octyl phthalate	22.374	149	6249611	56.535	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.385	276	5417855	55.117	ng		98
88) Benzo(b)fluoranthene	23.174	252	4590459	52.875	ng		99
89) Benzo(k)fluoranthene	23.221	252	4203939	50.960	ng		99
90) Benzo(a)pyrene	23.791	252	4063506	53.586	ng		99
91) Dibenzo(a,h)anthracene	26.409	278	4465583	54.312	ng		99
92) Benzo(g,h,i)perylene	27.144	276	4358504	52.268	ng		98

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

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