Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
Data File : BM042682.D
Acq On : 09 Nov 2023 21:34
Operator : MA/JU
Sample : 05270-01MS 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-3-110623MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 23:55:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	46252	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	182191	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	120265	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	279076	20.000	ng		0.00
76) Chrysene-d12	21.439	240	299081	20.000	ng	#	0.00
86) Perylene-d12	23.815	264	352082	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	46661	16.282	ng		0.00
7) Phenol-d6	7.004	99	62270	15.843	ng		0.00
23) Nitrobenzene-d5	9.045	82	46889	11.997	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	30425	19.377	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	97459	10.904	ng		0.00
79) Terphenyl-d14	19.868	244	176793	10.023	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	8994	6.585	ng	#	82
3) Pyridine	3.657	79	23342	5.958	ng	#	91
4) n-Nitrosodimethylamine	3.587	42	20734	10.997	ng	#	73
6) Aniline	7.187	93	29654	5.935	ng		95
8) 2-Chlorophenol	7.398	128	26760	8.660	ng		98
9) Benzaldehyde	7.016	77	6857	3.027	ng		90
10) Phenol	7.034	94	34814	8.721	ng		84
11) bis(2-Chloroethyl)ether	7.287	93	26462	7.836	ng		94
12) 1,3-Dichlorobenzene	7.722	146	30014	8.987	ng		95
13) 1,4-Dichlorobenzene	7.881	146	30324	8.971	ng		93
14) 1,2-Dichlorobenzene	8.192	146	29197	8.947	ng		98
15) Benzyl Alcohol	8.110	79	25251m	9.075	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	47313m	8.804	ng		
17) 2-Methylphenol	8.298	107	23872	8.446	ng		93
18) Hexachloroethane	8.898	117	12823	9.696	ng		96
19) n-Nitroso-di-n-propyla...	8.657	70	23988	8.627	ng		91
20) 3+4-Methylphenols	8.628	107	30204	7.993	ng		95
22) Acetophenone	8.698	105	41650	9.064	ng	#	93
24) Nitrobenzene	9.087	77	35732	9.282	ng		99
25) Isophorone	9.592	82	63605	9.195	ng	#	97
26) 2-Nitrophenol	9.792	139	12436	10.558	ng	#	93
27) 2,4-Dimethylphenol	9.834	122	20992m	7.932	ng		
28) bis(2-Chloroethoxy)met...	10.086	93	34546	8.289	ng		98
29) 2,4-Dichlorophenol	10.316	162	25804	9.854	ng		97
30) 1,2,4-Trichlorobenzene	10.510	180	29663	10.337	ng		95
31) Naphthalene	10.710	128	87581	9.304	ng		100
32) Benzoic acid	9.934	122	17608m	11.591	ng		
33) 4-Chloroaniline	10.863	127	25132	6.847	ng		95
34) Hexachlorobutadiene	10.933	225	20250	11.623	ng		99
35) Caprolactam	11.675	113	7191	7.816	ng	#	90
36) 4-Chloro-3-methylphenol	11.963	107	27262	9.148	ng		99
37) 2-Methylnaphthalene	12.322	142	58696	8.854	ng	#	95
38) 1-Methylnaphthalene	12.539	142	60023m	9.619	ng		
40) 1,2,4,5-Tetrachloroben...	12.675	216	36524	10.166	ng		98
41) Hexachlorocyclopentadiene	12.616	237	3840	7.745	ng		95
43) 2,4,6-Trichlorophenol	12.933	196	21633	9.401	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	23975	8.755	ng		97
46) 1,1'-Biphenyl	13.333	154	78250	8.512	ng		98
47) 2-Chloronaphthalene	13.380	162	62141	9.214	ng		98
48) 2-Nitroaniline	13.627	65	20981	11.364	ng		88
49) Acenaphthylene	14.227	152	130499	11.683	ng		99
50) Dimethylphthalate	13.969	163	75577	8.408	ng		99
51) 2,6-Dinitrotoluene	14.116	165	15829	8.545	ng	#	82
52) Acenaphthene	14.563	154	63292	9.337	ng		98
53) 3-Nitroaniline	14.463	138	12980	10.033	ng		93
54) 2,4-Dinitrophenol	14.674	184	2287	9.319	ng		88
55) Dibenzofuran	14.898	168	106772	9.688	ng		95
56) 4-Nitrophenol	14.763	139	21010	18.350	ng		85
57) 2,4-Dinitrotoluene	14.904	165	20484	10.664	ng	#	85
58) Fluorene	15.551	166	90761	10.178	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	23570	10.219	ng		98
60) Diethylphthalate	15.316	149	77261	8.484	ng		99
61) 4-Chlorophenyl-phenyle...	15.539	204	41531	9.219	ng		96
62) 4-Nitroaniline	15.627	138	12236m	11.545	ng		
63) Azobenzene	15.833	77	92499	9.218	ng		89
65) 4,6-Dinitro-2-methylph...	15.657	198	2981	7.294	ng	#	82
66) n-Nitrosodiphenylamine	15.768	169	66424	8.441	ng		97
67) 4-Bromophenyl-phenylether	16.439	248	26013	9.322	ng		95
68) Hexachlorobenzene	16.521	284	31417	10.177	ng		94
69) Atrazine	16.715	200	26809	11.791	ng		98
70) Pentachlorophenol	16.886	266	37893	16.696	ng		98
71) Phenanthrene	17.298	178	242323	16.615	ng		99
72) Anthracene	17.386	178	166266	11.510	ng		98
73) Carbazole	17.680	167	122588	10.431	ng		99
74) Di-n-butylphthalate	18.198	149	145493	8.816	ng	#	98
75) Fluoranthene	19.309	202	491201	28.672	ng		98
77) Benzidine	19.527	184	48915	17.050	ng		95
78) Pyrene	19.680	202	474378	23.099	ng		99
80) Butylbenzylphthalate	20.562	149	72970	8.319	ng		97
81) Benzo(a)anthracene	21.421	228	346423	18.205	ng		99
82) 3,3'-Dichlorobenzidine	21.368	252	58006	9.591	ng		99
83) Chrysene	21.474	228	322228	16.670	ng		98
84) Bis(2-ethylhexyl)phtha...	21.303	149	107052	8.076	ng		99
85) Di-n-octyl phthalate	22.221	149	190154	8.334	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.285	276	309218	14.756	ng	#	91
88) Benzo(b)fluoranthene	23.080	252	360566	18.382	ng		98
89) Benzo(k)fluoranthene	23.127	252	282510m	12.925	ng		
90) Benzo(a)pyrene	23.703	252	302522m	15.665	ng		
91) Dibenzo(a,h)anthracene	26.303	278	188824	13.057	ng	#	95
92) Benzo(g,h,i)perylene	27.068	276	263647	14.275	ng	#	95

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

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