Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041159.D
Acq On : 28 Jul 2023 10:51
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 23:59:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 23:54:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	159583	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	620057	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	341170	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	686242	20.000	ng		0.00
76) Chrysene-d12	21.433	240	604138	20.000	ng		0.00
86) Perylene-d12	23.803	264	672689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	103254	9.670	ng		0.00
7) Phenol-d6	6.981	99	136129	9.836	ng		0.00
23) Nitrobenzene-d5	8.981	82	122356	9.177	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	41177	8.533	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	262116	9.705	ng		0.00
79) Terphenyl-d14	19.862	244	309144	9.252	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	23838	5.219	ng		99
3) Pyridine	3.687	79	54722	4.571	ng		93
4) n-Nitrosodimethylamine	3.593	42	27764	4.998	ng	#	94
6) Aniline	7.140	93	79576	4.913	ng		98
8) 2-Chlorophenol	7.369	128	53552	5.138	ng		99
10) Phenol	7.004	94	66394	4.967	ng		94
11) bis(2-Chloroethyl)ether	7.240	93	54007	4.991	ng		99
12) 1,3-Dichlorobenzene	7.692	146	58342	5.142	ng		98
13) 1,4-Dichlorobenzene	7.840	146	59313	5.201	ng		98
14) 1,2-Dichlorobenzene	8.157	146	57622	5.270	ng		96
15) Benzyl Alcohol	8.069	79	44502	5.091	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	76171m	5.283	ng		
17) 2-Methylphenol	8.263	107	45948	5.031	ng		97
18) Hexachloroethane	8.875	117	21461	5.055	ng		96
19) n-Nitroso-di-n-propyla...	8.622	70	40856	4.860	ng		95
20) 3+4-Methylphenols	8.598	107	57967	4.747	ng		97
22) Acetophenone	8.645	105	79221	4.824	ng	#	97
24) Nitrobenzene	9.022	77	63351	4.698	ng		95
25) Isophorone	9.545	82	101205	4.471	ng		98
26) 2-Nitrophenol	9.739	139	21560	4.090	ng		97
27) 2,4-Dimethylphenol	9.798	122	41974	4.525	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	67159	4.737	ng		99
29) 2,4-Dichlorophenol	10.275	162	40609	4.341	ng		96
30) 1,2,4-Trichlorobenzene	10.475	180	50167	4.854	ng		99
31) Naphthalene	10.663	128	168740	5.015	ng		100
33) 4-Chloroaniline	10.804	127	60288	4.483	ng		98
34) Hexachlorobutadiene	10.933	225	30331	4.880	ng		97
36) 4-Chloro-3-methylphenol	11.927	107	44539	4.524	ng		99
37) 2-Methylnaphthalene	12.280	142	109645	4.833	ng		99
38) 1-Methylnaphthalene	12.504	142	104317	4.913	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	52093	4.702	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	30081	4.236	ng		96
44) 2,4,5-Trichlorophenol	12.980	196	35335	4.300	ng		98
46) 1,1'-Biphenyl	13.298	154	133740	4.835	ng		99
47) 2-Chloronaphthalene	13.345	162	99955	4.840	ng		98
48) 2-Nitroaniline	13.569	65	25288	3.836	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.192	152	152074	4.562	ng		99
50) Dimethylphthalate	13.933	163	121885	4.749	ng		99
51) 2,6-Dinitrotoluene	14.063	165	22258	4.186	ng		86
52) Acenaphthene	14.533	154	97160	4.838	ng		97
53) 3-Nitroaniline	14.404	138	19722	5.611	ng		93
55) Dibenzofuran	14.874	168	160314	4.893	ng		98
57) 2,4-Dinitrotoluene	14.863	165	24152	5.674	ng	#	78
58) Fluorene	15.521	166	123622	4.783	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	30309	4.554	ng		99
60) Diethylphthalate	15.304	149	115026	4.635	ng		99
61) 4-Chlorophenyl-phenyle...	15.521	204	59168	4.568	ng		97
62) 4-Nitroaniline	15.574	138	14161m	6.429	ng		
63) Azobenzene	15.815	77	116322	4.279	ng		99
66) n-Nitrosodiphenylamine	15.739	169	99177	4.647	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	34235	4.550	ng		98
68) Hexachlorobenzene	16.527	284	40224	4.808	ng		97
69) Atrazine	16.698	200	25865	4.615	ng		99
70) Pentachlorophenol	16.886	266	22574	3.896	ng		93
71) Phenanthrene	17.274	178	185419	4.863	ng		99
72) Anthracene	17.362	178	168325	4.464	ng		100
73) Carbazole	17.651	167	149337	4.375	ng		100
74) Di-n-butylphthalate	18.204	149	152958	3.966	ng		100
75) Fluoranthene	19.298	202	190529	4.448	ng		99
77) Benzidine	19.515	184	32378m	3.914	ng		
78) Pyrene	19.662	202	202285	4.788	ng		99
80) Butylbenzylphthalate	20.568	149	58165	3.770	ng		98
81) Benzo(a)anthracene	21.415	228	189315	4.622	ng		98
82) 3,3'-Dichlorobenzidine	21.362	252	52850	3.955	ng		98
83) Chrysene	21.468	228	191611	4.837	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	77165	5.522	ng		99
87) Indeno(1,2,3-cd)pyrene	26.250	276	222324	4.495	ng		99
88) Benzo(b)fluoranthene	23.086	252	184538	4.618	ng		100
89) Benzo(k)fluoranthene	23.133	252	184377	4.510	ng		98
90) Benzo(a)pyrene	23.703	252	170517	4.441	ng		99
91) Dibenzo(a,h)anthracene	26.274	278	181789	4.407	ng		99
92) Benzo(g,h,i)perylene	27.009	276	189302	4.690	ng		98

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

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