Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
Data File : BM041424.D
Acq On : 16 Aug 2023 14:39
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Quant Time: Aug 16 17:20:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 16:44:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	183324	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	685645	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	424288	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	885715	20.000	ng	0.00
76) Chrysene-d12	21.397	240	653835	20.000	ng	0.00
86) Perylene-d12	23.750	264	654887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1287911	116.871	ng	0.00
7) Phenol-d6	6.957	99	1804260	120.576	ng	0.00
23) Nitrobenzene-d5	8.951	82	1832844	127.606	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	821683	122.034	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	3954136	124.883	ng	0.00
79) Terphenyl-d14	19.827	244	5162540	137.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	267487	57.133	ng	99
3) Pyridine	3.652	79	741242m	61.455	ng	
4) n-Nitrosodimethylamine	3.569	42	338641	59.345	ng	98
6) Aniline	7.110	93	1067697	60.003	ng	99
8) 2-Chlorophenol	7.334	128	692003	60.780	ng	100
9) Benzaldehyde	6.916	77	443442	52.841	ng	100
10) Phenol	6.981	94	879565	60.838	ng	98
11) bis(2-Chloroethyl)ether	7.204	93	710128	61.399	ng	98
12) 1,3-Dichlorobenzene	7.651	146	755861	59.732	ng	99
13) 1,4-Dichlorobenzene	7.798	146	764267	59.737	ng	98
14) 1,2-Dichlorobenzene	8.116	146	731555	59.240	ng	99
15) Benzyl Alcohol	8.028	79	687980	64.762	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	867665	62.606	ng	98
17) 2-Methylphenol	8.228	107	637204	61.655	ng	98
18) Hexachloroethane	8.828	117	297939	61.325	ng	97
19) n-Nitroso-di-n-propyla...	8.592	70	623771	60.763	ng	97
20) 3+4-Methylphenols	8.563	107	872347	61.457	ng	99
22) Acetophenone	8.610	105	1109359	62.786	ng	99
24) Nitrobenzene	8.992	77	919849	64.136	ng	100
25) Isophorone	9.516	82	1663006	63.256	ng	100
26) 2-Nitrophenol	9.692	139	406539	64.920	ng	97
27) 2,4-Dimethylphenol	9.763	122	613282	60.822	ng	99
28) bis(2-Chloroethoxy)met...	9.998	93	955166	62.419	ng	99
29) 2,4-Dichlorophenol	10.228	162	697800	63.170	ng	100
30) 1,2,4-Trichlorobenzene	10.433	180	757750	61.780	ng	100
31) Naphthalene	10.622	128	2176724	61.060	ng	100
32) Benzoic acid	9.980	122	540149	66.698	ng	99
33) 4-Chloroaniline	10.751	127	933295	62.012	ng	100
34) Hexachlorobutadiene	10.886	225	501633	61.843	ng	97
35) Caprolactam	11.598	113	205031	59.873	ng	93
36) 4-Chloro-3-methylphenol	11.892	107	717189	61.006	ng	97
37) 2-Methylnaphthalene	12.239	142	1574206	60.688	ng	99
38) 1-Methylnaphthalene	12.457	142	1470303	59.997	ng	100
40) 1,2,4,5-Tetrachloroben...	12.610	216	877403	63.384	ng	99
41) Hexachlorocyclopentadiene	12.569	237	442979	60.510	ng	99
43) 2,4,6-Trichlorophenol	12.863	196	589553	63.637	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	681260	63.522	ng	97
46) 1,1'-Biphenyl	13.263	154	1982480	61.913	ng	98
47) 2-Chloronaphthalene	13.304	162	1533054	62.292	ng	99
48) 2-Nitroaniline	13.533	65	517485	64.352	ng	96
49) Acenaphthylene	14.151	152	2460173	61.689	ng	100
50) Dimethylphthalate	13.910	163	2003329	60.467	ng	100
51) 2,6-Dinitrotoluene	14.039	165	438158	61.710	ng	95
52) Acenaphthene	14.498	154	1462620	61.320	ng	99
53) 3-Nitroaniline	14.368	138	444843	62.821	ng	97
54) 2,4-Dinitrophenol	14.586	184	293174	66.013	ng	95
55) Dibenzofuran	14.833	168	2434219	60.860	ng	99
56) 4-Nitrophenol	14.692	139	336222	63.056	ng	96
57) 2,4-Dinitrotoluene	14.827	165	596144	61.435	ng	98
58) Fluorene	15.486	166	1944121	60.650	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	548310	60.156	ng	98
60) Diethylphthalate	15.268	149	1986615	60.015	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	1064071	61.572	ng	100
62) 4-Nitroaniline	15.545	138	406996	63.004	ng	99
63) Azobenzene	15.774	77	2031851	60.922	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	378631	66.780	ng	97
66) n-Nitrosodiphenylamine	15.704	169	1654395	63.454	ng	99
67) 4-Bromophenyl-phenylether	16.380	248	649816	64.022	ng	95
68) Hexachlorobenzene	16.486	284	697676	62.987	ng	98
69) Atrazine	16.662	200	359241	48.554	ng	98
70) Pentachlorophenol	16.845	266	487530	62.856	ng	99
71) Phenanthrene	17.233	178	2873454	61.459	ng	100
72) Anthracene	17.321	178	2941045	62.034	ng	99
73) Carbazole	17.609	167	2538357	60.173	ng	100
74) Di-n-butylphthalate	18.162	149	3210797	60.587	ng	100
75) Fluoranthene	19.256	202	3168880	56.929	ng	99
77) Benzidine	19.462	184	329201	43.925	ng	99
78) Pyrene	19.621	202	3240442	69.299	ng	100
80) Butylbenzylphthalate	20.527	149	1241674	66.298	ng	98
81) Benzo(a)anthracene	21.380	228	2761787	61.855	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	846520	58.619	ng	99
83) Chrysene	21.433	228	2623887	61.824	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	1684880	63.322	ng	100
85) Di-n-octyl phthalate	22.215	149	2634116	60.545	ng	100
87) Indeno(1,2,3-cd)pyrene	26.197	276	2787500	65.375	ng	99
88) Benzo(b)fluoranthene	23.038	252	2426236	62.175	ng	99
89) Benzo(k)fluoranthene	23.086	252	2424595	61.466	ng	99
90) Benzo(a)pyrene	23.650	252	2319834	62.416	ng	100
91) Dibenzo(a,h)anthracene	26.209	278	2360950	65.838	ng	99
92) Benzo(g,h,i)perylene	26.950	276	2276187	65.659	ng	98

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

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