Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081623\
Data File : BM041425.D
Acq On : 16 Aug 2023 15:17
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 16 17:22:05 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	191043	20.000	ng		0.00
21) Naphthalene-d8	10.569	136	710042	20.000	ng		0.00
39) Acenaphthene-d10	14.433	164	455844	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1038436	20.000	ng		0.00
76) Chrysene-d12	21.398	240	907953	20.000	ng		0.00
86) Perylene-d12	23.756	264	845861	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1743083	151.785	ng		0.00
7) Phenol-d6	6.963	99	2417694	155.042	ng		0.01
23) Nitrobenzene-d5	8.951	82	2387128	160.486	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1227902	169.741	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	5402383	158.811	ng		0.00
79) Terphenyl-d14	19.833	244	8332364	159.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	351603	72.065	ng		99
3) Pyridine	3.646	79	1009347m	80.301	ng		
4) n-Nitrosodimethylamine	3.569	42	452441	76.085	ng		99
6) Aniline	7.110	93	1427071	76.959	ng		100
8) 2-Chlorophenol	7.334	128	897899	75.677	ng		99
10) Phenol	6.987	94	1155419	76.689	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	928321	77.021	ng		99
12) 1,3-Dichlorobenzene	7.651	146	977470	74.124	ng		100
13) 1,4-Dichlorobenzene	7.804	146	996952	74.776	ng		98
14) 1,2-Dichlorobenzene	8.116	146	963292	74.853	ng		100
15) Benzyl Alcohol	8.028	79	911972	82.379	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.310	45	1068615m	73.990	ng		
17) 2-Methylphenol	8.228	107	839900	77.984	ng		100
18) Hexachloroethane	8.828	117	382802	75.609	ng		99
19) n-Nitroso-di-n-propyla...	8.598	70	817302	76.399	ng		99
20) 3+4-Methylphenols	8.569	107	1165771	78.811	ng		99
22) Acetophenone	8.610	105	1461354	79.865	ng	#	99
24) Nitrobenzene	8.992	77	1191928	80.251	ng		100
25) Isophorone	9.522	82	2181123	80.113	ng		99
26) 2-Nitrophenol	9.698	139	542831	83.706	ng		98
27) 2,4-Dimethylphenol	9.763	122	848411	81.250	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	1263098	79.705	ng		98
29) 2,4-Dichlorophenol	10.234	162	947931	82.865	ng		98
30) 1,2,4-Trichlorobenzene	10.434	180	1016751	80.048	ng		99
31) Naphthalene	10.622	128	2896600	78.462	ng		100
32) Benzoic acid	10.010	122	773596	92.242	ng		99
33) 4-Chloroaniline	10.751	127	1291338	82.854	ng		99
34) Hexachlorobutadiene	10.886	225	671953	79.995	ng		98
35) Caprolactam	11.622	113	300753	84.808	ng		99
36) 4-Chloro-3-methylphenol	11.898	107	1006172	82.646	ng		98
37) 2-Methylnaphthalene	12.239	142	2139693	79.654	ng		100
38) 1-Methylnaphthalene	12.463	142	2022052	79.676	ng		100
40) 1,2,4,5-Tetrachloroben...	12.610	216	1212548	81.531	ng		98
41) Hexachlorocyclopentadiene	12.569	237	664426	81.939	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	829046	83.293	ng		99
44) 2,4,5-Trichlorophenol	12.939	196	969823	84.168	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.263	154	2753378	80.035	ng		99
47) 2-Chloronaphthalene	13.304	162	2131168	80.601	ng		100
48) 2-Nitroaniline	13.539	65	733732	84.927	ng		93
49) Acenaphthylene	14.157	152	3451024	80.544	ng		99
50) Dimethylphthalate	13.916	163	2882035	80.967	ng		100
51) 2,6-Dinitrotoluene	14.039	165	628517	82.392	ng		99
52) Acenaphthene	14.498	154	2052682	80.101	ng		99
53) 3-Nitroaniline	14.374	138	655668	86.184	ng		99
54) 2,4-Dinitrophenol	14.586	184	441273	92.482	ng		96
55) Dibenzofuran	14.833	168	3449029	80.262	ng		99
56) 4-Nitrophenol	14.698	139	511492	89.286	ng		96
57) 2,4-Dinitrotoluene	14.833	165	898855	86.219	ng		95
58) Fluorene	15.486	166	2788740	80.977	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	803315	82.033	ng		98
60) Diethylphthalate	15.274	149	2908004	81.769	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	1530533	82.433	ng		99
62) 4-Nitroaniline	15.551	138	624696	90.011	ng		99
63) Azobenzene	15.780	77	2933458	81.867	ng		97
65) 4,6-Dinitro-2-methylph...	15.604	198	592960	89.202	ng		93
66) n-Nitrosodiphenylamine	15.710	169	2421416	79.214	ng		98
67) 4-Bromophenyl-phenylether	16.380	248	970486	81.554	ng		96
68) Hexachlorobenzene	16.486	284	1043507	80.354	ng		98
69) Atrazine	16.668	200	595427	68.641	ng		99
70) Pentachlorophenol	16.845	266	765139	84.139	ng		99
71) Phenanthrene	17.233	178	4316199	78.740	ng		99
72) Anthracene	17.327	178	4478955	80.579	ng		99
73) Carbazole	17.610	167	3944947	79.764	ng		100
74) Di-n-butylphthalate	18.162	149	5096584	82.028	ng		99
75) Fluoranthene	19.262	202	5181128	79.390	ng		99
78) Pyrene	19.621	202	5325213	82.009	ng		100
80) Butylbenzylphthalate	20.527	149	2201030	84.629	ng		100
81) Benzo(a)anthracene	21.380	228	4963865	80.059	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	1534734	76.532	ng		99
83) Chrysene	21.439	228	4775739	81.032	ng		100
84) Bis(2-ethylhexyl)phtha...	21.303	149	3048538	82.505	ng	#	96
85) Di-n-octyl phthalate	22.215	149	4918683	81.413	ng		98
87) Indeno(1,2,3-cd)pyrene	26.215	276	4340572	78.815	ng		98
88) Benzo(b)fluoranthene	23.044	252	4126781	81.877	ng		99
89) Benzo(k)fluoranthene	23.092	252	4309584	84.586	ng		99
90) Benzo(a)pyrene	23.656	252	3916706	81.589	ng		99
91) Dibenzo(a,h)anthracene	26.221	278	3657181	78.959	ng		98
92) Benzo(g,h,i)perylene	26.956	276	3476449	77.641	ng		99

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

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