Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012624\
Data File : BM043915.D
Acq On : 26 Jan 2024 15:29
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 04:24:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 04:17:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	351902	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1417592	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	797279	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1538218	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1399188	20.000	ng	0.00
86) Perylene-d12	23.932	264	1494618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	3858147	166.249	ng	0.00
7) Phenol-d6	7.092	99	5237972	168.437	ng	0.00
23) Nitrobenzene-d5	9.098	82	4894573	168.036	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1713926	181.444	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	10509638	167.182	ng	0.00
79) Terphenyl-d14	19.962	244	12769077	146.300	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	768266	77.939	ng	99
3) Pyridine	3.787	79	2188767m	81.390	ng	
4) n-Nitrosodimethylamine	3.710	42	1014784	80.559	ng	93
6) Aniline	7.257	93	2502091	82.641	ng	99
8) 2-Chlorophenol	7.486	128	2026074	83.914	ng	98
9) Benzaldehyde	7.069	77	1038078m	60.472	ng	
10) Phenol	7.122	94	2532917	82.771	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	2088664	80.506	ng	97
12) 1,3-Dichlorobenzene	7.810	146	2293165	80.267	ng	98
13) 1,4-Dichlorobenzene	7.957	146	2334767	80.758	ng	99
14) 1,2-Dichlorobenzene	8.275	146	2219755	79.929	ng	99
15) Benzyl Alcohol	8.175	79	1745520	85.555	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	3037158	78.487	ng	100
17) 2-Methylphenol	8.369	107	1646508	84.216	ng	99
18) Hexachloroethane	8.998	117	890549	81.916	ng	95
19) n-Nitroso-di-n-propyla...	8.751	70	1694413	81.099	ng	99
20) 3+4-Methylphenols	8.704	107	2259553	85.665	ng	98
22) Acetophenone	8.757	105	3078719	81.053	ng	99
24) Nitrobenzene	9.139	77	2412877	82.063	ng	99
25) Isophorone	9.663	82	4549293	83.899	ng	100
26) 2-Nitrophenol	9.845	139	944134	82.974	ng	100
27) 2,4-Dimethylphenol	9.904	122	1355162	88.157	ng	99
28) bis(2-Chloroethoxy)met...	10.157	93	2781022	83.430	ng	100
29) 2,4-Dichlorophenol	10.374	162	1794774	91.742	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	2076570	83.840	ng	100
31) Naphthalene	10.780	128	6502577	82.160	ng	100
32) Benzoic acid	10.086	122	1099895	79.679	ng	96
33) 4-Chloroaniline	10.898	127	2493897	84.118	ng	99
34) Hexachlorobutadiene	11.051	225	1214379	83.806	ng	98
35) Caprolactam	11.704	113	579544	88.610	ng	95
36) 4-Chloro-3-methylphenol	12.021	107	1940125	89.861	ng	97
37) 2-Methylnaphthalene	12.392	142	4502317	83.657	ng	100
38) 1-Methylnaphthalene	12.610	142	4391489	83.011	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	2127266	85.158	ng	99
41) Hexachlorocyclopentadiene	12.727	237	747633	94.551	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	1365640	81.161	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	1502119	94.196	ng		98
46) 1,1'-Biphenyl	13.404	154	5500482	83.423	ng		100
47) 2-Chloronaphthalene	13.445	162	4285967	82.413	ng		100
48) 2-Nitroaniline	13.657	65	1262667	80.651	ng		95
49) Acenaphthylene	14.292	152	6365429	83.350	ng		99
50) Dimethylphthalate	14.045	163	4924405	83.914	ng		100
51) 2,6-Dinitrotoluene	14.162	165	1082008	92.443	ng		95
52) Acenaphthene	14.633	154	4039044	83.186	ng		99
53) 3-Nitroaniline	14.486	138	1156418	92.362	ng		100
54) 2,4-Dinitrophenol	14.692	184	398977	79.550	ng		94
55) Dibenzofuran	14.968	168	6055228	81.927	ng		100
56) 4-Nitrophenol	14.786	139	921034	91.750	ng		97
57) 2,4-Dinitrotoluene	14.945	165	1443014	80.569	ng		96
58) Fluorene	15.621	166	5131096	82.678	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	1193145	80.744	ng		98
60) Diethylphthalate	15.409	149	5127785	84.712	ng		98
61) 4-Chlorophenyl-phenyle...	15.621	204	2544781	83.174	ng		96
62) 4-Nitroaniline	15.656	138	1180089	90.635	ng		96
63) Azobenzene	15.915	77	5255933	79.668	ng		97
65) 4,6-Dinitro-2-methylph...	15.704	198	605890	79.692	ng		97
66) n-Nitrosodiphenylamine	15.839	169	4183461	85.672	ng		100
67) 4-Bromophenyl-phenylether	16.515	248	1512129	86.382	ng		99
68) Hexachlorobenzene	16.609	284	1725202	84.638	ng		99
69) Atrazine	16.798	200	1100310	83.947	ng		100
70) Pentachlorophenol	16.962	266	1057411	81.146	ng		99
71) Phenanthrene	17.362	178	7133892	83.317	ng		99
72) Anthracene	17.456	178	7146835	84.748	ng		100
73) Carbazole	17.733	167	6805610	84.651	ng		100
74) Di-n-butylphthalate	18.309	149	8713244	92.037	ng		100
75) Fluoranthene	19.386	202	8335570	85.860	ng		99
77) Benzidine	19.580	184	2039791	117.843	ng		100
78) Pyrene	19.744	202	8646185	82.739	ng		99
80) Butylbenzylphthalate	20.668	149	3570637	81.572	ng		99
81) Benzo(a)anthracene	21.503	228	8183614	83.016	ng		99
82) 3,3'-Dichlorobenzidine	21.444	252	2655267	90.292	ng		98
83) Chrysene	21.562	228	7708297	81.972	ng		99
84) Bis(2-ethylhexyl)phtha...	21.462	149	5872735	80.773	ng	#	98
85) Di-n-octyl phthalate	22.409	149	9676241	81.225	ng		98
87) Indeno(1,2,3-cd)pyrene	26.456	276	9598851	86.901	ng		99
88) Benzo(b)fluoranthene	23.203	252	8332592	86.888	ng		100
89) Benzo(k)fluoranthene	23.256	252	8342631	88.089	ng		100
90) Benzo(a)pyrene	23.832	252	7382211	89.123	ng		99
91) Dibenzo(a,h)anthracene	26.485	278	8028686	87.527	ng		99
92) Benzo(g,h,i)perylene	27.226	276	7821117	85.801	ng		99

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

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