Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012524\
Data File : BM043904.D
Acq On : 25 Jan 2024 15:20
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/26/2024
Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 26 00:35:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 00:26:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	280322	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	1201270	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	721090	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1489143	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1509901	20.000	ng		0.00
86) Perylene-d12	23.932	264	1678313	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	2866220	165.191	ng		0.00
7) Phenol-d6	7.092	99	3854727	171.117	ng		0.00
23) Nitrobenzene-d5	9.098	82	3714197	165.573	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	1482284	176.730	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	8573753	154.457	ng		0.00
79) Terphenyl-d14	19.962	244	12518484	141.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	615019	76.799	ng		99
3) Pyridine	3.787	79	1624202m	83.115	ng		
4) n-Nitrosodimethylamine	3.716	42	754304	80.025	ng	#	93
6) Aniline	7.257	93	2291156	83.843	ng		99
8) 2-Chlorophenol	7.486	128	1566578	85.534	ng		99
9) Benzaldehyde	7.069	77	690430m	60.145	ng		
10) Phenol	7.116	94	2010584	84.438	ng		100
11) bis(2-Chloroethyl)ether	7.357	93	1578616	80.796	ng		99
12) 1,3-Dichlorobenzene	7.810	146	1702364	77.890	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1738407	78.297	ng		100
14) 1,2-Dichlorobenzene	8.275	146	1675576	78.782	ng		99
15) Benzyl Alcohol	8.175	79	1412755	87.164	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.451	45	2404357	80.075	ng		99
17) 2-Methylphenol	8.369	107	1291717	84.998	ng		100
18) Hexachloroethane	8.998	117	637719	79.601	ng		99
19) n-Nitroso-di-n-propyla...	8.751	70	1322714	82.677	ng		99
20) 3+4-Methylphenols	8.704	107	1779994	88.527	ng		99
22) Acetophenone	8.757	105	2520153	78.537	ng	#	98
24) Nitrobenzene	9.139	77	1782879	81.561	ng		99
25) Isophorone	9.663	82	3513533	79.754	ng		100
26) 2-Nitrophenol	9.845	139	697914	82.657	ng		98
27) 2,4-Dimethylphenol	9.904	122	1196202	83.516	ng		99
28) bis(2-Chloroethoxy)met...	10.157	93	2147523	79.796	ng		99
29) 2,4-Dichlorophenol	10.374	162	1449569	87.566	ng		98
30) 1,2,4-Trichlorobenzene	10.592	180	1597882	77.469	ng		99
31) Naphthalene	10.780	128	5062493	78.413	ng		100
32) Benzoic acid	10.075	122	797202m	79.673	ng		
33) 4-Chloroaniline	10.898	127	2168849	80.799	ng		99
34) Hexachlorobutadiene	11.057	225	903311	76.162	ng		99
35) Caprolactam	11.704	113	514363	94.965	ng		93
36) 4-Chloro-3-methylphenol	12.021	107	1556295	88.254	ng		100
37) 2-Methylnaphthalene	12.392	142	3572883	79.932	ng		98
38) 1-Methylnaphthalene	12.610	142	3313281	79.691	ng		98
40) 1,2,4,5-Tetrachloroben...	12.751	216	1808980	77.967	ng		100
41) Hexachlorocyclopentadiene	12.727	237	770949	91.123	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	1132360	91.352	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	1241471	91.261	ng	98
46) 1,1'-Biphenyl	13.410	154	4576802	78.273	ng	99
47) 2-Chloronaphthalene	13.445	162	3511454	78.080	ng	99
48) 2-Nitroaniline	13.657	65	1027992	81.059	ng	96
49) Acenaphthylene	14.292	152	5862304	79.696	ng	100
50) Dimethylphthalate	14.045	163	4211989	79.631	ng	99
51) 2,6-Dinitrotoluene	14.162	165	877802	80.104	ng	94
52) Acenaphthene	14.633	154	3344237	79.680	ng	99
53) 3-Nitroaniline	14.486	138	1022490	80.678	ng	99
54) 2,4-Dinitrophenol	14.692	184	306817	79.937	ng	96
55) Dibenzofuran	14.968	168	5278133	79.035	ng	100
56) 4-Nitrophenol	14.786	139	828412	81.111	ng	97
57) 2,4-Dinitrotoluene	14.945	165	1219251	81.232	ng	95
58) Fluorene	15.621	166	4408017	79.541	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	1072855	79.815	ng	99
60) Diethylphthalate	15.409	149	4350265	80.815	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	2158013	78.654	ng	99
62) 4-Nitroaniline	15.656	138	1077246	80.623	ng	96
63) Azobenzene	15.915	77	4406678	77.714	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	505437	79.724	ng	97
66) n-Nitrosodiphenylamine	15.839	169	3748605	80.420	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	1338482	80.075	ng	99
68) Hexachlorobenzene	16.615	284	1505645	78.228	ng	97
69) Atrazine	16.798	200	1256463	86.622	ng	98
70) Pentachlorophenol	16.962	266	913883	81.110	ng	98
71) Phenanthrene	17.362	178	6663617	79.931	ng	99
72) Anthracene	17.456	178	6847468	80.644	ng	100
73) Carbazole	17.733	167	6413810	81.877	ng	99
74) Di-n-butylphthalate	18.309	149	7766546	86.221	ng	99
75) Fluoranthene	19.386	202	7786065	81.829	ng	99
77) Benzidine	19.580	184	2578702	78.598	ng	100
78) Pyrene	19.744	202	8213711	79.562	ng	99
80) Butylbenzylphthalate	20.674	149	3274082	81.505	ng	98
81) Benzo(a)anthracene	21.503	228	8305918	77.811	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	2849906	86.849	ng	99
83) Chrysene	21.562	228	7785052	77.722	ng	98
84) Bis(2-ethylhexyl)phtha...	21.462	149	5346074	79.463	ng	99
85) Di-n-octyl phthalate	22.409	149	8809573	91.454	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	10258604	81.558	ng	99
88) Benzo(b)fluoranthene	23.203	252	8529784	81.862	ng	99
89) Benzo(k)fluoranthene	23.256	252	8193301	77.867	ng	100
90) Benzo(a)pyrene	23.832	252	7888790	81.799	ng	100
91) Dibenzo(a,h)anthracene	26.485	278	8370566	81.604	ng	99
92) Benzo(g,h,i)perylene	27.226	276	7787179	81.469	ng	100

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

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