Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
Data File : BM044066.D
Acq On : 12 Feb 2024 21:21
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

Quant Time: Feb 13 00:50:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	445030	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1827014	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1000026	20.000	ng		0.00
64) Phenanthrene-d10	17.303	188	1932907	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1522844	20.000	ng		0.00
86) Perylene-d12	23.897	264	1735631	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	2430234	79.424	ng		0.00
7) Phenol-d6	7.075	99	3139101	80.631	ng		0.00
23) Nitrobenzene-d5	9.075	82	2808591	81.572	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	848772	78.390	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	5684056	80.218	ng		0.00
79) Terphenyl-d14	19.944	244	6908392	79.526	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	488533	40.230	ng		99
3) Pyridine	3.781	79	1297775	40.480	ng		99
4) n-Nitrosodimethylamine	3.704	42	502140	41.280	ng		98
6) Aniline	7.239	93	1521183	39.740	ng		99
8) 2-Chlorophenol	7.469	128	1243971	38.932	ng		100
9) Benzaldehyde	7.051	77	819766m	40.974	ng		
10) Phenol	7.098	94	1580028	40.213	ng		100
11) bis(2-Chloroethyl)ether	7.339	93	1292741	39.732	ng		98
12) 1,3-Dichlorobenzene	7.792	146	1411849	38.917	ng		99
13) 1,4-Dichlorobenzene	7.939	146	1420229	38.838	ng		99
14) 1,2-Dichlorobenzene	8.257	146	1355610	38.905	ng		99
15) Benzyl Alcohol	8.151	79	1010183	39.851	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.439	45	1608408	38.994	ng		100
17) 2-Methylphenol	8.351	107	1025812	39.773	ng		99
18) Hexachloroethane	8.975	117	531881	38.846	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	947515	39.635	ng		98
20) 3+4-Methylphenols	8.680	107	1387536	39.088	ng		99
22) Acetophenone	8.739	105	1863196	40.177	ng	#	99
24) Nitrobenzene	9.116	77	1433570	40.659	ng		99
25) Isophorone	9.645	82	2641309	39.840	ng		98
26) 2-Nitrophenol	9.827	139	651038	39.827	ng		99
27) 2,4-Dimethylphenol	9.886	122	828584	39.641	ng		99
28) bis(2-Chloroethoxy)met...	10.133	93	1676856	39.109	ng		100
29) 2,4-Dichlorophenol	10.357	162	1090611	39.631	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	1206150	38.978	ng		98
31) Naphthalene	10.757	128	3956217	39.234	ng		100
32) Benzoic acid	10.027	122	791421	37.588	ng		98
33) 4-Chloroaniline	10.874	127	1494508	39.141	ng		98
34) Hexachlorobutadiene	11.033	225	687875	38.836	ng		100
35) Caprolactam	11.669	113	348907	39.400	ng		98
36) 4-Chloro-3-methylphenol	11.998	107	1182101	39.669	ng		98
37) 2-Methylnaphthalene	12.368	142	2597535	38.673	ng		97
38) 1-Methylnaphthalene	12.592	142	2522225	38.215	ng		100
40) 1,2,4,5-Tetrachloroben...	12.733	216	1158279	39.848	ng		100
41) Hexachlorocyclopentadiene	12.704	237	505712	39.866	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	798212	40.351	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	881357	40.599	ng	99
46) 1,1'-Biphenyl	13.386	154	3161556	40.066	ng	99
47) 2-Chloronaphthalene	13.427	162	2502212	40.030	ng	99
48) 2-Nitroaniline	13.639	65	741464	42.165	ng	95
49) Acenaphthylene	14.274	152	3722573	39.919	ng	99
50) Dimethylphthalate	14.021	163	2899779	39.109	ng	100
51) 2,6-Dinitrotoluene	14.139	165	647027	39.553	ng	94
52) Acenaphthene	14.615	154	2277812	39.466	ng	99
53) 3-Nitroaniline	14.468	138	716341	40.746	ng	95
54) 2,4-Dinitrophenol	14.674	184	329271	36.775	ng	98
55) Dibenzofuran	14.951	168	3521405	39.420	ng	99
56) 4-Nitrophenol	14.768	139	580677	40.631	ng	97
57) 2,4-Dinitrotoluene	14.927	165	863513	40.388	ng	100
58) Fluorene	15.598	166	2729555	39.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	677509	39.773	ng	99
60) Diethylphthalate	15.386	149	2939805	38.364	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	1316578	39.363	ng	98
62) 4-Nitroaniline	15.633	138	720449	40.711	ng	99
63) Azobenzene	15.892	77	2935170	40.827	ng	98
65) 4,6-Dinitro-2-methylph...	15.686	198	453626	39.384	ng	96
66) n-Nitrosodiphenylamine	15.815	169	2315812	39.435	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	706704	36.980	ng	99
68) Hexachlorobenzene	16.598	284	904564	38.640	ng	98
69) Atrazine	16.774	200	625535	39.340	ng	98
70) Pentachlorophenol	16.945	266	603969	39.660	ng	98
71) Phenanthrene	17.345	178	4003858	39.227	ng	100
72) Anthracene	17.439	178	3995034	39.535	ng	100
73) Carbazole	17.715	167	3886241	39.546	ng	100
74) Di-n-butylphthalate	18.292	149	4929624	38.592	ng	100
75) Fluoranthene	19.362	202	4493767	39.194	ng	99
77) Benzidine	19.562	184	864278	36.520	ng	99
78) Pyrene	19.727	202	4672670	39.841	ng	99
80) Butylbenzylphthalate	20.650	149	2019588	38.739	ng	99
81) Benzo(a)anthracene	21.486	228	4168320	39.350	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1351654	38.890	ng	99
83) Chrysene	21.538	228	3967682	39.646	ng	100
84) Bis(2-ethylhexyl)phtha...	21.438	149	2986622	38.828	ng	100
85) Di-n-octyl phthalate	22.374	149	5011622	37.306	ng	99
87) Indeno(1,2,3-cd)pyrene	26.385	276	4838323	39.387	ng	100
88) Benzo(b)fluoranthene	23.168	252	4323528	39.850	ng	99
89) Benzo(k)fluoranthene	23.221	252	4039502	39.182	ng	99
90) Benzo(a)pyrene	23.791	252	3727269	39.331	ng	100
91) Dibenzo(a,h)anthracene	26.415	278	4042689	39.344	ng	99
92) Benzo(g,h,i)perylene	27.144	276	4075679	39.111	ng	98

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

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