Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048137.D
Acq On : 18 Oct 2024 16:01
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020187

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 18 16:45:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 15:44:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	236340	20.000	ng/ul	0.00
20) Naphthalene-d8	10.557	136	927967	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	548639	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	1060113	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	966962	20.000	ng/ul	0.00
88) Perylene-d12	24.350	264	1071169	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	51528	8.279	ng/uL	0.00
4) Pyridine-d5	3.651	84	345684	20.642	ng/ul	0.00
7) Phenol-d5	6.945	99	389456	20.343	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	236989	20.840	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	336932	20.348	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	304473	20.434	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	157604	20.126	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	169954	19.613	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	307043	20.119	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	405196	20.285	ng/ul	0.00
46) Dimethylphthalate-d6	13.815	166	807627	20.268	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	967787	20.426	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	140003	19.009	ng/ul	0.00
60) Fluorene-d10	15.398	176	699649	20.566	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	130503	19.033	ng/ul	0.00
73) Anthracene-d10	17.245	188	1047946	20.843	ng/ul	0.00
81) Pyrene-d10	19.533	212	1163069	19.684	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.144	264	1173012	20.503	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	54579	8.374	ng/uL	93
5) Pyridine	3.669	79	357542	20.894	ng/ul	99
6) Benzaldehyde	6.910	77	159202	17.970	ng/ul	98
8) Phenol	6.969	94	403503	20.491	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.192	93	321504	20.342	ng/ul	99
12) 2-Chlorophenol	7.334	128	343523	20.590	ng/ul	100
13) 2-Methylphenol	8.216	108	303187	20.353	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.286	45	471782	21.147	ng/ul	99
16) Acetophenone	8.586	105	489673	21.430	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	226972	20.980	ng/ul	98
18) 4-Methylphenol	8.545	108	329999	20.591	ng/ul	96
19) Hexachloroethane	8.845	117	146191	20.612	ng/ul	99
22) Nitrobenzene	8.963	77	349138	20.605	ng/ul	98
23) Isophorone	9.492	82	652973	20.150	ng/ul	99
25) 2-Nitrophenol	9.675	139	187364	20.276	ng/ul	99
26) 2,4-Dimethylphenol	9.739	107	335548	20.845	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	411348	20.261	ng/ul	100
29) 2,4-Dichlorophenol	10.210	162	313576	20.512	ng/ul	99
30) Naphthalene	10.610	128	1048778	20.446	ng/ul	99
32) 4-Chloroaniline	10.722	127	391391	20.319	ng/ul	99
33) Hexachlorobutadiene	10.892	225	208840	20.667	ng/ul	100
34) Caprolactam	11.498	113	90444m	19.127	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	294412	20.034	ng/ul	97
36) 2-Methylnaphthalene	12.221	142	684634	20.507	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	685430	20.385	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.592	216	362528	20.281	ng/ul	99
40) Hexachlorocyclopentadiene	12.574	237	206534	20.647	ng/ul	98
41) 2,4,6-Trichlorophenol	12.839	196	234233	19.925	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	247596	20.001	ng/ul	99
43) 1,1'-Biphenyl	13.233	154	874532	20.639	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	694746	20.678	ng/ul	98
45) 2-Nitroaniline	13.486	65	175343	20.079	ng/ul	97
47) Dimethylphthalate	13.863	163	810522	20.228	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	158788	19.953	ng/ul	98
50) Acenaphthylene	14.127	152	1059153	20.664	ng/ul	99
51) 3-Nitroaniline	14.315	138	143625	17.303	ng/ul	96
52) Acenaphthene	14.468	153	731144	20.617	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	88209	16.800	ng/ul	95
55) 4-Nitrophenol	14.633	109	97017	18.933	ng/ul	98
56) Dibenzofuran	14.804	168	1010820	20.834	ng/ul	98
57) 2,4-Dinitrotoluene	14.774	165	229384	20.291	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.033	232	205325	20.561	ng/ul	98
59) Diethylphthalate	15.221	149	809524	20.372	ng/ul	100
61) Fluorene	15.451	166	800418	21.108	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.445	204	393123	20.846	ng/ul	99
63) 4-Nitroaniline	15.474	138	126144	17.547	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.539	198	146511	19.863	ng/ul	94
67) N-Nitrosodiphenylamine	15.657	169	663712	20.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	236936	20.601	ng/ul	97
69) Hexachlorobenzene	16.456	284	278435	20.484	ng/ul	99
70) Atrazine	16.609	200	223716	20.909	ng/ul	97
71) Pentachlorophenol	16.804	266	173609	19.810	ng/ul	98
72) Phenanthrene	17.186	178	1206948	20.813	ng/ul	99
74) Anthracene	17.280	178	1223189	21.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	366832	20.584	ng/uL	99
76) Pentachlorobenzene	14.727	250	353161	20.351	ng/uL	99
77) Carbazole	17.551	167	1099180	21.324	ng/ul	99
78) Di-n-butylphthalate	18.109	149	1376726	20.278	ng/ul	99
80) Fluoranthene	19.197	202	1350722	19.647	ng/ul	99
82) Pyrene	19.562	202	1460846	19.948	ng/ul	99
83) Butylbenzylphthalate	20.456	149	609994	19.173	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	417344	19.352	ng/ul	99
85) Benzo(a)anthracene	21.350	228	1388865	19.754	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.268	149	888327	19.315	ng/ul	99
87) Chrysene	21.415	228	1345711	20.311	ng/ul	99
89) Di-n-octyl phthalate	22.391	149	1537253	19.889	ng/ul	100
90) Benzo(b)fluoranthene	23.409	252	1399656	20.745	ng/ul	100
91) Benzo(k)fluoranthene	23.468	252	1379630	20.531	ng/ul	99
93) Benzo(a)pyrene	24.209	252	1295019	20.618	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.715	276	1644423	20.195	ng/ul	99
95) Dibenzo(a,h)anthracene	27.762	278	1342110	20.400	ng/ul	99
96) Benzo(g,h,i)perylene	28.762	276	1276146	20.138	ng/ul	99

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

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