Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048112.D
Acq On : 17 Oct 2024 19:04
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020185

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 17 23:22:51 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	265602	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1037705	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	622592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	1196920	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1064064	20.000	ng/ul	0.00
88) Perylene-d12	24.362	264	1209677	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	56491	8.076	ng/uL	0.00
4) Pyridine-d5	3.652	84	385074	20.460	ng/ul	0.00
7) Phenol-d5	6.946	99	437967	20.357	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	261976	20.499	ng/ul	0.00
11) 2-Chlorophenol-d4	7.304	132	383081	20.586	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	343351	20.505	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	178699	20.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.645	143	194864	20.110	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	349743	20.493	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	456813	20.451	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	911920	20.167	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1095575	20.377	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	167313	20.018	ng/ul	0.00
60) Fluorene-d10	15.398	176	789772	20.457	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	154222	19.921	ng/ul	0.00
73) Anthracene-d10	17.245	188	1166052	20.542	ng/ul	0.00
81) Pyrene-d10	19.533	212	1317059	20.256	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.156	264	1311045	20.291	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	61287	8.367	ng/uL	96
5) Pyridine	3.669	79	403713	20.993	ng/ul	97
6) Benzaldehyde	6.916	77	152706	15.338	ng/ul	99
8) Phenol	6.975	94	454683	20.546	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.193	93	363655	20.474	ng/ul	99
12) 2-Chlorophenol	7.340	128	386360	20.606	ng/ul	99
13) 2-Methylphenol	8.222	108	341955	20.427	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.287	45	524704	20.928	ng/ul	98
16) Acetophenone	8.593	105	549972	21.417	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	253883	20.882	ng/ul	98
18) 4-Methylphenol	8.546	108	372637	20.690	ng/ul	99
19) Hexachloroethane	8.846	117	164401	20.626	ng/ul	97
22) Nitrobenzene	8.969	77	392029	20.689	ng/ul	99
23) Isophorone	9.498	82	740365	20.431	ng/ul	100
25) 2-Nitrophenol	9.681	139	212509	20.566	ng/ul	97
26) 2,4-Dimethylphenol	9.745	107	378768	21.042	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	464721	20.470	ng/ul	100
29) 2,4-Dichlorophenol	10.216	162	351247	20.546	ng/ul	97
30) Naphthalene	10.610	128	1182660	20.617	ng/ul	100
32) 4-Chloroaniline	10.722	127	448806	20.836	ng/ul	99
33) Hexachlorobutadiene	10.898	225	233963	20.705	ng/ul	98
34) Caprolactam	11.498	113	103066m	19.492	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	339322	20.648	ng/ul	97
36) 2-Methylnaphthalene	12.228	142	765016	20.492	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	775449	20.624	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	411207	20.272	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	225854	19.897	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	269713	20.218	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	280695	19.981	ng/ul	98
43) 1,1'-Biphenyl	13.239	154	986588	20.518	ng/ul	100
44) 2-Chloronaphthalene	13.281	162	778569	20.420	ng/ul	99
45) 2-Nitroaniline	13.486	65	202466	20.431	ng/ul	99
47) Dimethylphthalate	13.863	163	921090	20.256	ng/ul	100
48) 2,6-Dinitrotoluene	13.986	165	182157	20.171	ng/ul	97
50) Acenaphthylene	14.128	152	1187300	20.413	ng/ul	99
51) 3-Nitroaniline	14.316	138	158974	16.877	ng/ul	95
52) Acenaphthene	14.469	153	821071	20.403	ng/ul	99
53) 2,4-Dinitrophenol	14.528	184	108784	18.258	ng/ul	95
55) 4-Nitrophenol	14.633	109	115170	19.806	ng/ul	96
56) Dibenzofuran	14.804	168	1138712	20.682	ng/ul	100
57) 2,4-Dinitrotoluene	14.775	165	264823	20.643	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.039	232	228578	20.170	ng/ul	99
59) Diethylphthalate	15.227	149	919063	20.381	ng/ul	99
61) Fluorene	15.457	166	894742	20.793	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	446887	20.882	ng/ul	99
63) 4-Nitroaniline	15.475	138	135275	16.582	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.539	198	169011	20.295	ng/ul	99
67) N-Nitrosodiphenylamine	15.663	169	747311	20.762	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	268467	20.674	ng/ul	100
69) Hexachlorobenzene	16.463	284	313527	20.429	ng/ul	99
70) Atrazine	16.610	200	254820	21.094	ng/ul	98
71) Pentachlorophenol	16.804	266	201182	20.332	ng/ul	98
72) Phenanthrene	17.192	178	1356147	20.713	ng/ul	99
74) Anthracene	17.280	178	1384821	21.077	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	406572	20.207	ng/uL	98
76) Pentachlorobenzene	14.727	250	396409	20.232	ng/uL	98
77) Carbazole	17.551	167	1232190	21.172	ng/ul	99
78) Di-n-butylphthalate	18.110	149	1551676	20.243	ng/ul	100
80) Fluoranthene	19.204	202	1531337	20.242	ng/ul	99
82) Pyrene	19.562	202	1635206	20.291	ng/ul	100
83) Butylbenzylphthalate	20.457	149	688834	19.675	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.280	252	472883	19.926	ng/ul	98
85) Benzo(a)anthracene	21.356	228	1557028	20.125	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1019873	20.152	ng/ul	100
87) Chrysene	21.415	228	1479716	20.295	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	1754191	20.097	ng/ul	100
90) Benzo(b)fluoranthene	23.415	252	1531350	20.098	ng/ul	99
91) Benzo(k)fluoranthene	23.474	252	1557998	20.530	ng/ul	99
93) Benzo(a)pyrene	24.221	252	1447682	20.410	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.727	276	1856291	20.187	ng/ul	99
95) Dibenzo(a,h)anthracene	27.774	278	1517602	20.426	ng/ul	100
96) Benzo(g,h,i)perylene	28.774	276	1437791	20.091	ng/ul	99

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

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