Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047113.D
Acq On : 09 Aug 2024 09:32
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020137

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 00:56:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	276258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.139	136	1087142	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	705907	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1458791	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	1228233	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	1421702	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	50814	7.287	ng/uL	0.00
4) Pyridine-d5	3.399	84	376064	19.772	ng/ul	0.00
7) Phenol-d5	6.593	99	452994	21.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	286852	20.774	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	362722	20.404	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	347653	20.912	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	176536	20.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.245	143	195206	20.490	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	369819	20.219	ng/ul	0.00
31) 4-Chloroaniline-d4	10.292	131	481906	20.047	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	988776	18.319	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1195775	19.848	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	194556	18.643	ng/ul	0.00
60) Fluorene-d10	15.045	176	879914	19.057	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	159621	17.319	ng/ul	0.00
73) Anthracene-d10	16.898	188	1338393	19.353	ng/ul	0.00
81) Pyrene-d10	19.209	212	1457845	20.735	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	1490134	19.905	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	53465	6.890	ng/uL	99
5) Pyridine	3.416	79	382812	20.329	ng/ul	97
6) Benzaldehyde	6.546	77	285210	23.661	ng/ul	98
8) Phenol	6.616	94	466681	22.082	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.834	93	377473	20.955	ng/ul	95
12) 2-Chlorophenol	6.957	128	374384	20.788	ng/ul	98
13) 2-Methylphenol	7.840	108	343222	21.319	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.910	45	494984	22.931	ng/ul	98
16) Acetophenone	8.204	105	540631	20.661	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.193	70	283639	20.556	ng/ul	98
18) 4-Methylphenol	8.169	108	373625	21.479	ng/ul	99
19) Hexachloroethane	8.440	117	162445	18.517	ng/ul	93
22) Nitrobenzene	8.569	77	448560	19.246	ng/ul	97
23) Isophorone	9.098	82	779200	19.538	ng/ul	99
25) 2-Nitrophenol	9.275	139	214340	20.567	ng/ul#	91
26) 2,4-Dimethylphenol	9.351	107	387587	18.868	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.587	93	490349	19.945	ng/ul	100
29) 2,4-Dichlorophenol	9.804	162	366785	20.106	ng/ul	99
30) Naphthalene	10.192	128	1142189	19.843	ng/ul	100
32) 4-Chloroaniline	10.316	127	473295	20.275	ng/ul	100
33) Hexachlorobutadiene	10.481	225	227378	17.276	ng/ul	100
34) Caprolactam	11.098	113	112649m	20.391	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	368195	19.573	ng/ul	100
36) 2-Methylnaphthalene	11.816	142	797448	19.841	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.039	142	799020	19.639	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.198	216	423165	19.114	ng/ul	99
40) Hexachlorocyclopentadiene	12.175	237	230623	15.814	ng/ul	96
41) 2,4,6-Trichlorophenol	12.457	196	289696	19.992	ng/ul	98
42) 2,4,5-Trichlorophenol	12.528	196	310505	19.846	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1028930	19.483	ng/ul	98
44) 2-Chloronaphthalene	12.898	162	835059	19.912	ng/ul	98
45) 2-Nitroaniline	13.122	65	252492	19.812	ng/ul	98
47) Dimethylphthalate	13.516	163	1000479	18.473	ng/ul	99
48) 2,6-Dinitrotoluene	13.633	165	209388	19.888	ng/ul	86
50) Acenaphthylene	13.757	152	1256581	19.748	ng/ul	99
51) 3-Nitroaniline	13.963	138	225577	21.038	ng/ul	99
52) Acenaphthene	14.104	153	878153	19.144	ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	147328	19.832	ng/ul	92
55) 4-Nitrophenol	14.298	109	161500	15.290	ng/ul#	81
56) Dibenzofuran	14.445	168	1221385	18.972	ng/ul	93
57) 2,4-Dinitrotoluene	14.433	165	308082	19.148	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.680	232	254094	18.269	ng/ul	96
59) Diethylphthalate	14.904	149	1005321	17.255	ng/ul	98
61) Fluorene	15.104	166	978715	18.431	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.104	204	459434	17.575	ng/ul	95
63) 4-Nitroaniline	15.139	138	237097m	22.375	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	178740	17.724	ng/ul	91
67) N-Nitrosodiphenylamine	15.327	169	851210	19.686	ng/ul	100
68) 4-Bromophenyl-phenylether	16.004	248	295121	18.691	ng/ul	95
69) Hexachlorobenzene	16.104	284	349656	18.806	ng/ul	98
70) Atrazine	16.298	200	300529	17.715	ng/ul	99
71) Pentachlorophenol	16.463	266	228528	18.155	ng/ul	99
72) Phenanthrene	16.845	178	1562050	19.102	ng/ul	99
74) Anthracene	16.933	178	1584334	19.212	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.822	216	427936	20.389	ng/uL	95
76) Pentachlorobenzene	14.363	250	419637	19.315	ng/uL	99
77) Carbazole	17.215	167	1480315	19.363	ng/ul	98
78) Di-n-butylphthalate	17.798	149	1736785	17.865	ng/ul	98
80) Fluoranthene	18.874	202	1767957	21.040	ng/ul	98
82) Pyrene	19.239	202	1834324	20.487	ng/ul#	94
83) Butylbenzylphthalate	20.180	149	792756	20.258	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.962	252	523782	17.396	ng/ul	97
85) Benzo(a)anthracene	21.021	228	1752639	19.538	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1116077	19.536	ng/ul	98
87) Chrysene	21.074	228	1646658	19.247	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	1940095	19.343	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1797576	20.441	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	1739586	20.017	ng/ul	99
93) Benzo(a)pyrene	23.609	252	1636541	19.975	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.733	276	2062727	19.651	ng/ul	99
95) Dibenzo(a,h)anthracene	26.780	278	1653795	19.615	ng/ul	98
96) Benzo(g,h,i)perylene	27.662	276	1608028	19.389	ng/ul	97

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

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