Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053124\
Data File : BM045790.D
Acq On : 31 May 2024 09:46
Operator : MA/JU
Sample : SSTD01013
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 31 11:15:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 11:12:53 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010035

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	247391	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1007105	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	615879	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.856	188	1152692	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	837426	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	852317	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	23316	3.731	ng/uL	0.00
4) Pyridine-d5	3.481	84	129293	7.957	ng/ul	0.01
7) Phenol-d5	6.722	99	193782	9.164	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.839	67	145245	9.460	ng/ul	0.00
11) 2-Chlorophenol-d4	7.034	132	145794	9.226	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	143937	9.010	ng/ul	0.00
21) Nitrobenzene-d5	8.633	128	73936	9.396	ng/ul	0.00
24) 2-Nitrophenol-d4	9.351	143	70032	8.771	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	139036	9.350	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	197813	9.557	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	401603	9.522	ng/ul	0.00
49) Acenaphthylene-d8	13.804	160	468059	9.424	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	75220	8.381	ng/ul	0.00
60) Fluorene-d10	15.109	176	354180	9.836	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.251	200	41876	7.132	ng/ul	0.00
73) Anthracene-d10	16.956	188	479528	9.517	ng/ul	0.00
81) Pyrene-d10	19.256	212	502733	9.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	369079	9.328	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	26876	3.798	ng/uL	98
5) Pyridine	3.493	79	136529	8.111	ng/ul	95
6) Benzaldehyde	6.645	77	123232	11.914	ng/ul	96
8) Phenol	6.751	94	204449	9.314	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.928	93	171270	9.263	ng/ul	96
12) 2-Chlorophenol	7.063	128	158853	9.569	ng/ul	97
13) 2-Methylphenol	7.969	108	143543	8.898	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.016	45	353845	9.776	ng/ul	99
16) Acetophenone	8.310	105	262388	9.901	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.298	70	142515	9.595	ng/ul	97
18) 4-Methylphenol	8.304	108	157214	9.443	ng/ul	95
19) Hexachloroethane	8.539	117	75442	9.551	ng/ul	98
22) Nitrobenzene	8.675	77	214921	9.565	ng/ul	96
23) Isophorone	9.210	82	368488	9.305	ng/ul	99
25) 2-Nitrophenol	9.380	139	80508	9.239	ng/ul	97
26) 2,4-Dimethylphenol	9.480	107	160956	9.107	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.698	93	225960	9.447	ng/ul	95
29) 2,4-Dichlorophenol	9.922	162	138592	9.297	ng/ul	97
30) Naphthalene	10.286	128	519807	9.618	ng/ul	99
32) 4-Chloroaniline	10.445	127	195973	9.727	ng/ul	99
33) Hexachlorobutadiene	10.580	225	96728	9.671	ng/ul	97
34) Caprolactam	11.286	113	33187m	8.172	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	151851	9.444	ng/ul	96
36) 2-Methylnaphthalene	11.910	142	345594	9.772	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.127	142	346529	9.800	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.280	216	176977	9.553	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	94636	8.351	ng/ul	96
41) 2,4,6-Trichlorophenol	12.551	196	95254	8.797	ng/ul	97
42) 2,4,5-Trichlorophenol	12.633	196	106531	9.148	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	439613	9.523	ng/ul	99
44) 2-Chloronaphthalene	12.974	162	345829	9.631	ng/ul	99
45) 2-Nitroaniline	13.221	65	110333	8.944	ng/ul	98
47) Dimethylphthalate	13.610	163	410782	9.594	ng/ul	98
48) 2,6-Dinitrotoluene	13.715	165	73812	9.056	ng/ul	93
50) Acenaphthylene	13.833	152	557551	9.664	ng/ul	100
51) 3-Nitroaniline	14.063	138	66947	8.811	ng/ul#	98
52) Acenaphthene	14.174	153	371886	9.677	ng/ul	99
53) 2,4-Dinitrophenol	14.251	184	30237	8.971	ng/ul	98
55) 4-Nitrophenol	14.421	109	62982	8.605	ng/ul	96
56) Dibenzofuran	14.515	168	508790	9.927	ng/ul	100
57) 2,4-Dinitrotoluene	14.504	165	104276	9.193	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.762	232	78283	8.971	ng/ul#	95
59) Diethylphthalate	14.980	149	405716	9.463	ng/ul	99
61) Fluorene	15.162	166	403967	9.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.174	204	200611	9.774	ng/ul	99
63) 4-Nitroaniline	15.239	138	59596	9.532	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.262	198	49762	7.794	ng/ul#	91
67) N-Nitrosodiphenylamine	15.392	169	319510	9.700	ng/ul	99
68) 4-Bromophenyl-phenylether	16.062	248	116716	9.704	ng/ul	97
69) Hexachlorobenzene	16.162	284	128843	9.602	ng/ul	97
70) Atrazine	16.368	200	99782	10.161	ng/ul	99
71) Pentachlorophenol	16.533	266	46442	7.050	ng/ul	100
72) Phenanthrene	16.898	178	590267	9.684	ng/ul	99
74) Anthracene	16.992	178	589315	9.673	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.898	216	174042	9.608	ng/uL	98
76) Pentachlorobenzene	14.433	250	164956	9.768	ng/uL	95
77) Carbazole	17.280	167	488991	9.464	ng/ul	100
78) Di-n-butylphthalate	17.856	149	611938	8.967	ng/ul	100
80) Fluoranthene	18.921	202	616146	9.675	ng/ul	99
82) Pyrene	19.286	202	647905	9.887	ng/ul	99
83) Butylbenzylphthalate	20.215	149	229025	8.552	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.003	252	143570	8.729	ng/ul	98
85) Benzo(a)anthracene	21.050	228	549332	9.521	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.009	149	341212	8.594	ng/ul	99
87) Chrysene	21.109	228	516765	9.744	ng/ul	99
89) Di-n-octyl phthalate	22.038	149	532996	8.167	ng/ul	100
90) Benzo(b)fluoranthene	22.938	252	500870	9.612	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	486802	9.567	ng/ul	98
93) Benzo(a)pyrene	23.662	252	424160	9.254	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.791	276	458004	9.379	ng/ul	98
95) Dibenzo(a,h)anthracene	26.838	278	364827	9.593	ng/ul	98
96) Benzo(g,h,i)perylene	27.726	276	415003	9.612	ng/ul	99

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

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