Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040124\
Data File : BM044866.D
Acq On : 01 Apr 2024 15:36
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 16:24:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020086

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	104378	20.000	ng/ul	0.00
20) Naphthalene-d8	10.439	136	427296	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	240206	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.062	188	423067	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	346441	20.000	ng/ul	0.00
88) Perylene-d12	23.497	264	403335	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	22873	7.432	ng/uL	0.00
4) Pyridine-d5	3.628	84	153567	16.954	ng/ul	0.00
7) Phenol-d5	6.839	99	195557	18.223	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	128470	19.381	ng/ul	0.00
11) 2-Chlorophenol-d4	7.192	132	150926	19.138	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	149994	17.798	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	74291	20.647	ng/ul	0.00
24) 2-Nitrophenol-d4	9.533	143	81559	21.027	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	138797	21.025	ng/ul	0.00
31) 4-Chloroaniline-d4	10.586	131	198184	18.076	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	359066	19.056	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	422565	19.609	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	56366	14.425	ng/ul	0.00
60) Fluorene-d10	15.304	176	292350	18.463	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	50186	18.275	ng/ul	0.00
73) Anthracene-d10	17.162	188	406483	20.101	ng/ul	0.00
81) Pyrene-d10	19.462	212	413314	19.452	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.350	264	413016	19.482	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	23654	7.424	ng/uL#	92
5) Pyridine	3.646	79	164194	17.477	ng/ul#	75
6) Benzaldehyde	6.822	77	115012	24.606	ng/ul	90
8) Phenol	6.863	94	197422	18.026	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.104	93	161764	17.987	ng/ul	90
12) 2-Chlorophenol	7.228	128	156361	19.223	ng/ul	97
13) 2-Methylphenol	8.104	108	146196	17.590	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	273867	23.060	ng/ul#	93
16) Acetophenone	8.486	105	241495	18.476	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.475	70	127826	18.928	ng/ul#	83
18) 4-Methylphenol	8.433	108	155911	17.233	ng/ul	99
19) Hexachloroethane	8.716	117	70665	21.209	ng/ul	95
22) Nitrobenzene	8.863	77	192987	22.617	ng/ul	95
23) Isophorone	9.386	82	353228	20.290	ng/ul	97
25) 2-Nitrophenol	9.563	139	85495	20.218	ng/ul#	80
26) 2,4-Dimethylphenol	9.622	107	162381	21.103	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.869	93	214258	19.570	ng/ul	97
29) 2,4-Dichlorophenol	10.092	162	138444	21.006	ng/ul	96
30) Naphthalene	10.486	128	487673	20.151	ng/ul	100
32) 4-Chloroaniline	10.610	127	192623	18.224	ng/ul	98
33) Hexachlorobutadiene	10.751	225	89787	24.306	ng/ul	100
34) Caprolactam	11.410	113	38559m	15.023	ng/ul	
35) 4-Chloro-3-methylphenol	11.739	107	141319	18.490	ng/ul	96
36) 2-Methylnaphthalene	12.104	142	309791	19.250	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.327	142	307801	19.388	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.474	216	156087	22.841	ng/ul	97
40) Hexachlorocyclopentadiene	12.439	237	91075	20.077	ng/ul	96
41) 2,4,6-Trichlorophenol	12.727	196	97756	20.405	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	102784	20.020	ng/ul	97
43) 1,1'-Biphenyl	13.133	154	384988	20.184	ng/ul	98
44) 2-Chloronaphthalene	13.174	162	303740	20.292	ng/ul	99
45) 2-Nitroaniline	13.398	65	97995	20.854	ng/ul	93
47) Dimethylphthalate	13.780	163	360502	18.802	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	71899	18.773	ng/ul	91
50) Acenaphthylene	14.027	152	502635	20.012	ng/ul	99
51) 3-Nitroaniline	14.233	138	71809	17.359	ng/ul	92
52) Acenaphthene	14.368	153	327367	19.827	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	33129	13.523	ng/ul#	76
55) 4-Nitrophenol	14.545	109	50096	18.297	ng/ul#	83
56) Dibenzofuran	14.710	168	428840	19.525	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	97431	17.624	ng/ul#	63
58) 2,3,4,6-Tetrachlorophenol	14.939	232	81047	19.076	ng/ul	98
59) Diethylphthalate	15.151	149	357986	17.990	ng/ul	98
61) Fluorene	15.362	166	349368	19.449	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.362	204	170195	20.414	ng/ul	99
63) 4-Nitroaniline	15.404	138	67058m	16.961	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.457	198	54427	18.546	ng/ul	91
67) N-Nitrosodiphenylamine	15.580	169	272375	21.376	ng/ul	98
68) 4-Bromophenyl-phenylether	16.256	248	95631	22.599	ng/ul	98
69) Hexachlorobenzene	16.356	284	111965	23.230	ng/ul	98
70) Atrazine	16.545	200	87648	21.050	ng/ul	95
71) Pentachlorophenol	16.709	266	61662	19.374	ng/ul	99
72) Phenanthrene	17.104	178	480928	20.039	ng/ul	99
74) Anthracene	17.198	178	493094	20.316	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.092	216	146642	25.951	ng/uL	99
76) Pentachlorobenzene	14.621	250	139392	25.515	ng/uL	98
77) Carbazole	17.480	167	426493	18.699	ng/ul	98
78) Di-n-butylphthalate	18.045	149	556608	18.143	ng/ul#	99
80) Fluoranthene	19.127	202	506982	20.035	ng/ul	97
82) Pyrene	19.492	202	521277	19.787	ng/ul	98
83) Butylbenzylphthalate	20.415	149	224916	17.363	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.191	252	158779	21.187	ng/ul	99
85) Benzo(a)anthracene	21.250	228	493675	18.976	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.191	149	338047	17.898	ng/ul	96
87) Chrysene	21.303	228	460689	19.127	ng/ul	99
89) Di-n-octyl phthalate	22.080	149	573015	15.875	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	508619	18.846	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	482472	18.253	ng/ul	98
93) Benzo(a)pyrene	23.397	252	485434	19.228	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.744	276	602433	21.275	ng/ul	95
95) Dibenzo(a,h)anthracene	25.756	278	507181	21.481	ng/ul	98
96) Benzo(g,h,i)perylene	26.426	276	481260	21.298	ng/ul	96

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

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