Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042806.D
Acq On : 16 Nov 2023 14:55
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Nov 16 15:28:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020145

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
11/17/2023
Supervised By :mohammad ahmed
11/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	35843	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	146550	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	98554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	221373	20.000	ng/ul	0.00
79) Chrysene-d12	21.415	240	248831	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	284289	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8538	7.474	ng/uL	0.00
4) Pyridine-d5	3.616	84	56378	19.842	ng/ul	0.00
7) Phenol-d5	6.992	99	71131	20.391	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	53494	21.823	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	51962	19.304	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	52930	19.270	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	23885	18.589	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	26894	17.893	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	54891	19.640	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	65844	18.555	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	174711	18.731	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	193348	19.374	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	15682	14.881	ng/ul	0.00
60) Fluorene-d10	15.474	176	144387	18.694	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	26688	15.916	ng/ul	0.00
73) Anthracene-d10	17.333	188	227380	18.328	ng/ul	0.00
81) Pyrene-d10	19.627	212	292618	17.958	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.627	264	318880	18.752	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	10254	8.429	ng/uL#	79
5) Pyridine	3.634	79	64770	20.963	ng/ul	98
6) Benzaldehyde	6.992	77	48674	24.319	ng/ul	90
8) Phenol	7.016	94	68660	19.787	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.269	93	57439	20.040	ng/ul	92
12) 2-Chlorophenol	7.381	128	52008	19.415	ng/ul#	87
13) 2-Methylphenol	8.275	108	48546	18.762	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.334	45	117642m	22.547	ng/ul	
16) Acetophenone	8.675	105	89207	19.315	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.645	70	56215	19.995	ng/ul	91
18) 4-Methylphenol	8.610	108	55761	19.821	ng/ul	92
19) Hexachloroethane	8.875	117	29526	19.776	ng/ul	88
22) Nitrobenzene	9.069	77	78327	20.170	ng/ul	98
23) Isophorone	9.575	82	154853	20.021	ng/ul	97
25) 2-Nitrophenol	9.769	139	27655	18.109	ng/ul	92
26) 2,4-Dimethylphenol	9.810	107	63271	19.364	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.063	93	80130	20.502	ng/ul	98
29) 2,4-Dichlorophenol	10.286	162	51906	19.616	ng/ul	98
30) Naphthalene	10.686	128	176122	19.183	ng/ul	99
32) 4-Chloroaniline	10.839	127	63068	18.526	ng/ul	99
33) Hexachlorobutadiene	10.904	225	44495	19.036	ng/ul	95
34) Caprolactam	11.657	113	14689m	18.722	ng/ul	
35) 4-Chloro-3-methylphenol	11.945	107	54334	19.163	ng/ul	95
36) 2-Methylnaphthalene	12.298	142	120000	19.502	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.521	142	123672	19.116	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	76064	19.679	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	42371	23.155	ng/ul	94
41) 2,4,6-Trichlorophenol	12.916	196	45865	19.427	ng/ul	93
42) 2,4,5-Trichlorophenol	12.992	196	45388	19.910	ng/ul	96
43) 1,1'-Biphenyl	13.316	154	160381	19.513	ng/ul	98
44) 2-Chloronaphthalene	13.363	162	129642	19.607	ng/ul	95
45) 2-Nitroaniline	13.616	65	45091	20.911	ng/ul	93
47) Dimethylphthalate	13.951	163	172028	18.936	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	31884	18.681	ng/ul	97
50) Acenaphthylene	14.210	152	216359	19.348	ng/ul	98
51) 3-Nitroaniline	14.445	138	23026	16.498	ng/ul	93
52) Acenaphthene	14.545	153	147392	19.489	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	12636	14.889	ng/ul	87
55) 4-Nitrophenol	14.745	109	28196	17.003	ng/ul	93
56) Dibenzofuran	14.880	168	203373	19.374	ng/ul	95
57) 2,4-Dinitrotoluene	14.886	165	46851	18.697	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.104	232	44652	18.869	ng/ul#	98
59) Diethylphthalate	15.298	149	177075	18.587	ng/ul	99
61) Fluorene	15.527	166	172062	19.307	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.521	204	94656	19.708	ng/ul	99
63) 4-Nitroaniline	15.615	138	22266	17.499	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.633	198	28596	16.751	ng/ul#	88
67) N-Nitrosodiphenylamine	15.751	169	132583	19.096	ng/ul	98
68) 4-Bromophenyl-phenylether	16.421	248	56363	19.128	ng/ul	87
69) Hexachlorobenzene	16.498	284	66700	18.516	ng/ul	99
70) Atrazine	16.698	200	48808	18.250	ng/ul	96
71) Pentachlorophenol	16.868	266	35630	17.177	ng/ul	99
72) Phenanthrene	17.274	178	262064	18.949	ng/ul	98
74) Anthracene	17.368	178	265494	19.086	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.268	216	78868	20.148	ng/uL	97
76) Pentachlorobenzene	14.774	250	80324	19.557	ng/uL	98
77) Carbazole	17.662	167	204311	17.787	ng/ul	99
78) Di-n-butylphthalate	18.180	149	306266	18.234	ng/ul	98
80) Fluoranthene	19.292	202	329001	17.708	ng/ul	98
82) Pyrene	19.656	202	351665	17.852	ng/ul	97
83) Butylbenzylphthalate	20.539	149	138019	16.403	ng/ul	88
84) 3,3'-Dichlorobenzidine	21.350	252	104303	16.378	ng/ul	100
85) Benzo(a)anthracene	21.403	228	365764	18.725	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	209787	16.433	ng/ul	99
87) Chrysene	21.456	228	353559	18.664	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	374171	16.294	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	363536	18.738	ng/ul#	98
91) Benzo(k)fluoranthene	23.097	252	385419	18.662	ng/ul	99
93) Benzo(a)pyrene	23.674	252	361990	19.148	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.238	276	454930	19.363	ng/ul	97
95) Dibenzo(a,h)anthracene	26.256	278	370143	19.002	ng/ul	98
96) Benzo(g,h,i)perylene	27.009	276	361853	19.395	ng/ul	99

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

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