Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036571.D
Acq On : 16 Sep 2022 20:09
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 23:02:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020175

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	414044	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1844363	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1167310	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2349973	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	2072401	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	1720530	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	81629	7.391	ng/uL	0.00
4) Pyridine-d5	3.816	84	586892	18.220	ng/ul	0.00
7) Phenol-d5	7.175	99	687728	18.587	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	435342	19.374	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	534819	20.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	535070	19.571	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	257427	20.621	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	239516	21.420	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	519867	20.061	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	808030	18.754	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1542221	19.589	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1825789	19.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	279788	18.323	ng/ul	0.00
60) Fluorene-d10	15.639	176	1376096	19.504	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	179656	19.323	ng/ul	0.00
73) Anthracene-d10	17.486	188	2086179	19.416	ng/ul	0.00
81) Pyrene-d10	19.762	212	2233127	21.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	1673189	19.905	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	85180	7.159	ng/uL	95
5) Pyridine	3.834	79	594068	18.357	ng/ul	95
6) Benzaldehyde	7.157	77	387624	21.634	ng/ul	96
8) Phenol	7.198	94	742873	18.707	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.446	93	605344	19.592	ng/ul	98
12) 2-Chlorophenol	7.587	128	577568	20.043	ng/ul	98
13) 2-Methylphenol	8.463	108	557115	19.086	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.563	45	717729	19.599	ng/ul	99
16) Acetophenone	8.851	105	941066	19.844	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.840	70	465015	20.322	ng/ul	97
18) 4-Methylphenol	8.792	108	609596	19.313	ng/ul	99
19) Hexachloroethane	9.116	117	234168	20.063	ng/ul	96
22) Nitrobenzene	9.234	77	669307	20.194	ng/ul	97
23) Isophorone	9.763	82	1322824	19.574	ng/ul	100
25) 2-Nitrophenol	9.945	139	287582	20.823	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	675729	19.837	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.245	93	796586	19.776	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	538681	19.773	ng/ul	100
30) Naphthalene	10.892	128	1951856	19.426	ng/ul	100
32) 4-Chloroaniline	10.992	127	831504	18.693	ng/ul	100
33) Hexachlorobutadiene	11.181	225	325193	19.517	ng/ul	100
34) Caprolactam	11.751	113	161258m	18.248	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	590886	19.649	ng/ul	99
36) 2-Methylnaphthalene	12.492	142	1312613	19.608	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.710	142	1313586	19.519	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.851	216	642698	19.452	ng/ul	99
40)	Hexachlorocyclopentadiene	12.839	237	339487	19.716	ng/ul	98
41)	2,4,6-Trichlorophenol	13.086	196	404609	20.001	ng/ul	99
42)	2,4,5-Trichlorophenol	13.157	196	441275	20.345	ng/ul	98
43)	1,1'-Biphenyl	13.492	154	1691253	19.654	ng/ul	99
44)	2-Chloronaphthalene	13.533	162	1322643	19.588	ng/ul	99
45)	2-Nitroaniline	13.727	65	356309	21.439	ng/ul	98
47)	Dimethylphthalate	14.110	163	1640386	19.642	ng/ul	99
48)	2,6-Dinitrotoluene	14.222	165	293648	21.627	ng/ul	99
50)	Acenaphthylene	14.374	152	2075078	19.435	ng/ul	99
51)	3-Nitroaniline	14.545	138	320296	19.669	ng/ul#	98
52)	Acenaphthene	14.716	153	1443706	19.325	ng/ul	99
53)	2,4-Dinitrophenol	14.751	184	118410	19.654	ng/ul	94
55)	4-Nitrophenol	14.839	109	242627	18.587	ng/ul	98
56)	Dibenzofuran	15.045	168	1954798	19.484	ng/ul	98
57)	2,4-Dinitrotoluene	15.004	165	431314	21.851	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.269	232	361639	19.919	ng/ul	100
59)	Diethylphthalate	15.469	149	1644257	19.668	ng/ul	99
61)	Fluorene	15.692	166	1664680	19.482	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.686	204	803001	19.650	ng/ul	98
63)	4-Nitroaniline	15.704	138	310116	19.601	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.763	198	198258	18.896	ng/ul	97
67)	N-Nitrosodiphenylamine	15.898	169	1367775	19.762	ng/ul	99
68)	4-Bromophenyl-phenylether	16.580	248	417701	18.034	ng/ul	97
69)	Hexachlorobenzene	16.692	284	524758	19.155	ng/ul	99
70)	Atrazine	16.845	200	456888	18.707	ng/ul	98
71)	Pentachlorophenol	17.027	266	288725	17.742	ng/ul	98
72)	Phenanthrene	17.427	178	2530195	19.547	ng/ul	100
74)	Anthracene	17.515	178	2558560	19.447	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.457	216	636627	19.807	ng/uL	99
76)	Pentachlorobenzene	14.963	250	685502	19.719	ng/uL	99
77)	Carbazole	17.786	167	2270393	18.639	ng/ul	100
78)	Di-n-butylphthalate	18.357	149	2711740	19.641	ng/ul	100
80)	Fluoranthene	19.433	202	2762389	22.111	ng/ul	99
82)	Pyrene	19.792	202	2909968	22.004	ng/ul	97
83)	Butylbenzylphthalate	20.692	149	1041663	20.787	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.468	252	805519	19.893	ng/ul	98
85)	Benzo(a)anthracene	21.533	228	2600597	20.028	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.468	149	1587811	21.691	ng/ul	99
87)	Chrysene	21.592	228	2407852	19.536	ng/ul	100
89)	Di-n-octyl phthalate	22.415	149	2339057	22.550	ng/ul	100
90)	Benzo(b)fluoranthene	23.250	252	2267075	20.779	ng/ul	99
91)	Benzo(k)fluoranthene	23.297	252	2173294	19.935	ng/ul	99
93)	Benzo(a)pyrene	23.886	252	1903994	19.851	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.544	276	2047402	18.279	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.562	278	1869043	18.400	ng/ul	98
96)	Benzo(g,h,i)perylene	27.321	276	1790393	18.438	ng/ul	99

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

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