Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022823\
Data File : BM038818.D
Acq On : 28 Feb 2023 19:17
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV046

Manual Integrations APPROVED
Reviewed By :Yogesh Patel

Quant Time: Mar 01 02:16:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 02:09:21 2023
Response via : Initial Calibration

03/01/2023
Supervised By :Jagrut Upadhyay

03/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	260738	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	1182809	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	770216	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1693716	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1714615	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1967256	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	47829	6.850	ng/uL	0.00
4) Pyridine-d5	3.805	84	315175	16.417	ng/ul	0.00
7) Phenol-d5	7.157	99	412154	16.861	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	292626	18.735	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	322987	17.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	326862	16.973	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	157911	19.017	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	150738	19.373	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	320496	17.726	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	500801	16.618	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	1034065	17.334	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1223436	17.547	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	209617	17.553	ng/ul	0.00
60) Fluorene-d10	15.639	176	902356	17.151	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	145471	16.521	ng/ul	0.00
73) Anthracene-d10	17.486	188	1438561	17.225	ng/ul	0.00
81) Pyrene-d10	19.774	212	1661105	17.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1728980	17.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	48097	6.409	ng/uL	97
5) Pyridine	3.822	79	336347	16.274	ng/ul	98
6) Benzaldehyde	7.145	77	298494	25.213	ng/ul	99
8) Phenol	7.187	94	448325	17.135	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	358241	17.199	ng/ul	99
12) 2-Chlorophenol	7.569	128	341845	18.221	ng/ul	99
13) 2-Methylphenol	8.451	108	345264	17.654	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.551	45	454528	17.382	ng/ul	100
16) Acetophenone	8.839	105	592472	17.702	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	287948	18.732	ng/ul	99
18) 4-Methylphenol	8.781	108	376411	17.334	ng/ul	98
19) Hexachloroethane	9.104	117	132703	17.656	ng/ul	96
22) Nitrobenzene	9.222	77	406362	17.888	ng/ul	98
23) Isophorone	9.745	82	819440	17.734	ng/ul	99
25) 2-Nitrophenol	9.934	139	183858	19.926	ng/ul	97
26) 2,4-Dimethylphenol	9.992	107	405244	17.877	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.239	93	496484	17.509	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	333943	18.220	ng/ul	99
30) Naphthalene	10.881	128	1171233	17.353	ng/ul	100
32) 4-Chloroaniline	10.986	127	530061	17.372	ng/ul	99
33) Hexachlorobutadiene	11.169	225	196192	17.204	ng/ul	99
34) Caprolactam	11.739	113	122556m	19.500	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	374371	18.068	ng/ul	99
36) 2-Methylnaphthalene	12.480	142	812155	18.435	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.704	142	761579	17.157	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.845	216	410056	17.798	ng/ul	100
40)	Hexachlorocyclopentadiene	12.833	237	214011	17.217	ng/ul	99
41)	2,4,6-Trichlorophenol	13.080	196	263764	18.151	ng/ul	97
42)	2,4,5-Trichlorophenol	13.151	196	289406	18.095	ng/ul	99
43)	1,1'-Biphenyl	13.486	154	1075981	17.711	ng/ul	100
44)	2-Chloronaphthalene	13.527	162	823720	17.191	ng/ul	99
45)	2-Nitroaniline	13.727	65	218008	20.161	ng/ul	96
47)	Dimethylphthalate	14.110	163	1052314	17.406	ng/ul	99
48)	2,6-Dinitrotoluene	14.222	165	212445	22.207	ng/ul	96
50)	Acenaphthylene	14.369	152	1366597	17.673	ng/ul	100
51)	3-Nitroaniline	14.545	138	249897	20.813	ng/ul	97
52)	Acenaphthene	14.710	153	913702	17.166	ng/ul	98
53)	2,4-Dinitrophenol	14.745	184	92366	16.984	ng/ul	98
55)	4-Nitrophenol	14.839	109	169533	17.773	ng/ul	98
56)	Dibenzofuran	15.045	168	1309289	17.718	ng/ul	98
57)	2,4-Dinitrotoluene	14.998	165	289032	19.544	ng/ul	98
58)	2,3,4,6-Tetrachlorophenol	15.263	232	270555	19.430	ng/ul	98
59)	Diethylphthalate	15.468	149	1054127	17.621	ng/ul	100
61)	Fluorene	15.692	166	1080299	17.436	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.692	204	519350	17.363	ng/ul	99
63)	4-Nitroaniline	15.704	138	272418m	21.936	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.763	198	158120	17.352	ng/ul	97
67)	N-Nitrosodiphenylamine	15.898	169	920314	17.965	ng/ul	100
68)	4-Bromophenyl-phenylether	16.580	248	302487	17.352	ng/ul	99
69)	Hexachlorobenzene	16.692	284	364129	17.245	ng/ul	99
70)	Atrazine	16.851	200	303048	17.487	ng/ul	99
71)	Pentachlorophenol	17.033	266	218554	17.023	ng/ul	100
72)	Phenanthrene	17.433	178	1683338	17.202	ng/ul	99
74)	Anthracene	17.521	178	1744388	17.507	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.451	216	400909	16.796	ng/uL	99
76)	Pentachlorobenzene	14.963	250	411342	16.772	ng/uL	99
77)	Carbazole	17.792	167	1642799	17.755	ng/ul	99
78)	Di-n-butylphthalate	18.368	149	1729786	18.375	ng/ul	100
80)	Fluoranthene	19.445	202	1881541	17.348	ng/ul	99
82)	Pyrene	19.804	202	2091713	17.587	ng/ul	99
83)	Butylbenzylphthalate	20.709	149	670180	21.207	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.486	252	754558	22.459	ng/ul	100
85)	Benzo(a)anthracene	21.550	228	2106142	17.778	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.492	149	1098456	20.908	ng/ul	98
87)	Chrysene	21.609	228	2011333	17.361	ng/ul	99
89)	Di-n-octyl phthalate	22.445	149	1793645	18.133	ng/ul	100
90)	Benzo(b)fluoranthene	23.274	252	2127466	17.417	ng/ul	99
91)	Benzo(k)fluoranthene	23.327	252	2224971	17.733	ng/ul	100
93)	Benzo(a)pyrene	23.915	252	1977419	17.476	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.591	276	2618901	17.509	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.615	278	2228187	17.658	ng/ul	99
96)	Benzo(g,h,i)perylene	27.379	276	2143935	17.506	ng/ul	98

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

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