Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038338.D
Acq On : 28 Dec 2022 20:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 29 03:02:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 02:34:47 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV018

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/03/2023
Supervised By :Yogesh Patel

01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	83492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	325273	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	217366	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	518384	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	610858	20.000	ng/ul	0.00
88) Perylene-d12	23.985	264	664783	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	16236	7.277	ng/uL	0.00
4) Pyridine-d5	3.798	84	107240	17.844	ng/ul	0.00
7) Phenol-d5	7.169	99	127381	18.550	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	87626	19.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	99011	19.197	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	98194	18.294	ng/ul	0.00
21) Nitrobenzene-d5	9.180	128	47436	19.232	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	57386	20.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	109802	19.428	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	133372	18.163	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	317172	19.463	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	368848	19.468	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	55312	19.221	ng/ul	0.00
60) Fluorene-d10	15.627	176	281329	19.519	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	68100	18.358	ng/ul	0.00
73) Anthracene-d10	17.480	188	473917	19.555	ng/ul	0.00
81) Pyrene-d10	19.762	212	605361	18.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	647796	19.683	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	16696	7.215	ng/uL	99
5) Pyridine	3.822	79	110281	17.495	ng/ul	99
6) Benzaldehyde	7.145	77	64657	24.333	ng/ul	98
8) Phenol	7.192	94	132005	18.504	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	107972	18.516	ng/ul	96
12) 2-Chlorophenol	7.563	128	102270	19.427	ng/ul	96
13) 2-Methylphenol	8.451	108	95827	18.426	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	147355m	18.475	ng/ul	
16) Acetophenone	8.839	105	168048	18.163	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.816	70	92048	19.242	ng/ul	98
18) 4-Methylphenol	8.781	108	104191	18.361	ng/ul	95
19) Hexachloroethane	9.086	117	47950	18.961	ng/ul	95
22) Nitrobenzene	9.222	77	137078	19.037	ng/ul	96
23) Isophorone	9.745	82	243711	19.019	ng/ul	98
25) 2-Nitrophenol	9.933	139	58683	19.703	ng/ul	95
26) 2,4-Dimethylphenol	9.992	107	124984	19.293	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.227	93	143281	18.577	ng/ul	96
29) 2,4-Dichlorophenol	10.469	162	105116	19.664	ng/ul	99
30) Naphthalene	10.869	128	320560	19.083	ng/ul	98
32) 4-Chloroaniline	10.986	127	140622	18.665	ng/ul	97
33) Hexachlorobutadiene	11.145	225	85647	19.490	ng/ul	99
34) Caprolactam	11.774	113	29136m	19.303	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	108983	20.051	ng/ul	98
36) 2-Methylnaphthalene	12.474	142	220045	19.533	ng/ul	99

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37) 1-Methylnaphthalene	12.692	142	223359	19.391	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	152674	19.134	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	96941	17.245	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	97122	19.702	ng/ul	96
42) 2,4,5-Trichlorophenol	13.151	196	102346	19.779	ng/ul	94
43) 1,1'-Biphenyl	13.474	154	310466	19.155	ng/ul	98
44) 2-Chloronaphthalene	13.521	162	252338	19.123	ng/ul	98
45) 2-Nitroaniline	13.727	65	74938	19.574	ng/ul	99
47) Dimethylphthalate	14.092	163	317430	19.373	ng/ul	98
48) 2,6-Dinitrotoluene	14.221	165	64400	20.378	ng/ul	98
50) Acenaphthylene	14.363	152	377573	19.305	ng/ul	99
51) 3-Nitroaniline	14.551	138	62586	22.171	ng/ul	97
52) Acenaphthene	14.704	153	264508	19.118	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	48714	20.652	ng/ul	92
55) 4-Nitrophenol	14.857	109	55881	20.000	ng/ul	97
56) Dibenzofuran	15.033	168	378896	19.311	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	94899	20.864	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	96797	20.423	ng/ul	97
59) Diethylphthalate	15.451	149	329825	19.796	ng/ul	100
61) Fluorene	15.680	166	319021	19.241	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	175745	19.481	ng/ul	99
63) 4-Nitroaniline	15.709	138	65449	25.326	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.768	198	67480	18.928	ng/ul	99
67) N-Nitrosodiphenylamine	15.886	169	265354	18.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	108329	18.734	ng/ul	99
69) Hexachlorobenzene	16.680	284	128737	18.861	ng/ul	99
70) Atrazine	16.839	200	112965	18.625	ng/ul	94
71) Pentachlorophenol	17.027	266	79622	18.894	ng/ul	99
72) Phenanthrene	17.421	178	519746	18.945	ng/ul	99
74) Anthracene	17.515	178	538736	19.257	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	150229	18.253	ng/uL	98
76) Pentachlorobenzene	14.951	250	145547	18.348	ng/uL	99
77) Carbazole	17.786	167	478092	18.952	ng/ul	99
78) Di-n-butylphthalate	18.333	149	607918	20.104	ng/ul	98
80) Fluoranthene	19.427	202	684924	18.204	ng/ul	99
82) Pyrene	19.792	202	741099	18.346	ng/ul	98
83) Butylbenzylphthalate	20.674	149	293260	19.020	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	247954	19.163	ng/ul	98
85) Benzo(a)anthracene	21.533	228	797362	19.106	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	444051	18.685	ng/ul	100
87) Chrysene	21.586	228	753325	18.736	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	810487	18.601	ng/ul	100
90) Benzo(b)fluoranthene	23.238	252	819653	19.686	ng/ul	99
91) Benzo(k)fluoranthene	23.285	252	808047	19.461	ng/ul	99
93) Benzo(a)pyrene	23.874	252	715043	19.374	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.526	276	902547	19.175	ng/ul	97
95) Dibenzo(a,h)anthracene	26.538	278	762812	19.592	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	754933	19.693	ng/ul	97

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

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