Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022224\
Data File : VV034357.D
Acq On : 22 Feb 2024 19:20
Operator : SY/MD
Sample : P1526-03MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E10A5MS

Quant Time: Feb 23 01:20:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77573	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17469	2.908	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 58.200%			
7) Chloroethane-d5	1.536	69	17553	3.336	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.800%			
11) 1,1-Dichloroethene-d2	2.060	65	9325	3.218	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.400%			
20) 2-Butanone-d5	3.809	46	60144	59.608	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.220%			
24) Chloroform-d	4.253	84	50437	4.620	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	4.947	65	25112	4.922	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.400%			
32) Benzene-d6	4.963	84	86245	4.090	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.800%			
36) 1,2-Dichloropropane-d6	5.989	67	25952	4.403	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.243	98	79131	4.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.600%			
43) trans-1,3-Dichloroprop...	7.558	79	9322	4.189	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.027	63	44246	55.694	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.380%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19056	5.333	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.600%			
66) 1,2-Dichlorobenzene-d4	11.561	152	30027	4.687	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	28570	4.019	ug/L	97
3) Chloromethane	1.217	50	36180	4.666	ug/L	99
5) Vinyl chloride	1.285	62	33179	4.478	ug/L	92
6) Bromomethane	1.491	94	12636	3.238	ug/L	99
8) Chloroethane	1.552	64	22762	4.503	ug/L	94
9) Trichlorofluoromethane	1.712	101	57772	5.410	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28606	5.125	ug/L	99
12) 1,1-Dichloroethene	2.069	96	28238	5.211	ug/L	90
13) Acetone	2.137	43	43165	56.390	ug/L #	35
14) Carbon disulfide	2.243	76	79591	4.539	ug/L	98
15) Methyl Acetate	2.388	43	8710	4.808	ug/L	100
16) Methylene chloride	2.449	84	28256	5.434	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	63837	5.733	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	29060	5.265	ug/L	99
19) 1,1-Dichloroethane	3.114	63	54904	5.413	ug/L	97
21) 2-Butanone	3.889	43	54625	54.000	ug/L #	47
22) cis-1,2-Dichloroethene	3.815	96	30782	4.915	ug/L	98
23) Bromochloromethane	4.150	128	12606	5.790	ug/L	89
25) Chloroform	4.278	83	55863	5.449	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33251	5.664	ug/L		100
29) 1,1,1-Trichloroethane	4.513	97	52164	5.529	ug/L		99
30) Cyclohexane	4.584	56	43590	4.750	ug/L		96
31) Carbon tetrachloride	4.735	117	45049	5.457	ug/L		99
33) Benzene	5.011	78	113305	5.376	ug/L		100
34) Trichloroethene	5.834	95	30390	4.982	ug/L		96
35) Methylcyclohexane	6.050	83	45103	4.710	ug/L		97
37) 1,2-Dichloropropane	6.095	63	26028	5.098	ug/L		100
38) Bromodichloromethane	6.436	83	35970	5.367	ug/L		99
39) cis-1,3-Dichloropropene	6.957	75	36148	4.653	ug/L		99
40) 4-Methyl-2-pentanone	7.159	43	143728	58.785	ug/L		99
42) Toluene	7.317	91	122422	5.434	ug/L		95
44) trans-1,3-Dichloropropene	7.587	75	28141	4.718	ug/L		96
45) 1,1,2-Trichloroethane	7.770	97	17264	5.476	ug/L		97
47) Tetrachloroethene	7.905	164	94837	19.133	ug/L		98
48) 2-Hexanone	8.079	43	96476	55.979	ug/L		100
49) Dibromochloromethane	8.175	129	20025	5.345	ug/L		99
50) 1,2-Dibromoethane	8.285	107	16238	5.738	ug/L		99
51) Chlorobenzene	8.815	112	75996	5.336	ug/L		98
52) Ethylbenzene	8.947	91	134160	5.174	ug/L		99
53) m,p-Xylene	9.072	106	51213	5.226	ug/L		95
54) o-Xylene	9.477	106	49780	5.268	ug/L		99
55) Styrene	9.497	104	79403	5.248	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.178	83	19750	5.935	ug/L		94
59) Bromoform	9.667	173	8697	4.482	ug/L		100
60) Isopropylbenzene	9.866	105	128638	4.936	ug/L		100
61) 1,2,3-Trichloropropane	10.210	75	14174	5.853	ug/L		99
62) 1,3,5-Trimethylbenzene	10.477	105	112393	5.101	ug/L		99
63) 1,2,4-Trimethylbenzene	10.850	105	111509	5.209	ug/L		100
64) 1,3-Dichlorobenzene	11.117	146	61521	5.414	ug/L		98
65) 1,4-Dichlorobenzene	11.210	146	57622	5.121	ug/L		98
67) 1,2-Dichlorobenzene	11.580	146	54525	5.587	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.365	75	3244	6.392	ug/L	#	89
69) 1,3,5-Trichlorobenzene	12.583	180	44117	5.016	ug/L		99
70) 1,2,4-trichlorobenzene	13.198	180	35667	5.195	ug/L		98
71) Naphthalene	13.442	128	49163	5.465	ug/L		100
72) 1,2,3-Trichlorobenzene	13.680	180	30455	5.536	ug/L		98

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

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