Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102721\
Data File : VX024975.D
Acq On : 27 Oct 2021 15:07
Operator : JC/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 28 03:12:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 28 03:09:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL02

Manual Integrations APPROVED
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10/28/2021 12:34:20 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	69814	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	65561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	10351	5.050	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.000%			
7) Chloroethane-d5	1.672	69	8492	4.599	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.000%			
11) 1,1-Dichloroethene-d2	2.306	63	27758	3.633	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.600%			
20) 2-Butanone-d5	4.477	46	33200	44.305	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.600%			
24) Chloroform-d	5.068	84	49109	4.977	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.600%			
26) 1,2-Dichloroethane-d4	5.970	65	25759	4.777	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.976	84	79471	5.202	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.000%			
36) 1,2-Dichloropropane-d6	7.312	67	22487	4.614	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	8.653	98	81372	5.313	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
43) trans-1,3-Dichloroprop...	8.958	79	11177	4.997	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.000%			
46) 2-Hexanone-d5	9.390	63	36407	45.222	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.440%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18355	4.928	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.600%			
66) 1,2-Dichlorobenzene-d4	12.323	152	29764	5.607	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1496	0.187	ug/L #	78
3) Chloromethane	1.294	50	612	0.219	ug/L	92
5) Vinyl chloride	1.374	62	740	0.216	ug/L #	36
6) Bromomethane	1.617	94	528	0.198	ug/L	87
8) Chloroethane	1.691	64	533	0.260	ug/L #	42
9) Trichlorofluoromethane	1.892	101	2293	0.225	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1596	0.299	ug/L #	78
12) 1,1-Dichloroethene	2.319	96	1343	0.314	ug/L #	1
13) Acetone	2.422	43	1672	2.975	ug/L	89
14) Carbon disulfide	2.508	76	2573	0.220	ug/L #	90
15) Methyl Acetate	2.739	43	316	0.247	ug/L #	41
16) Methylene chloride	2.794	84	1243	0.250	ug/L #	67
17) Methyl tert-butyl Ether	3.117	73	2457	0.200	ug/L #	89
18) trans-1,2-Dichloroethene	3.087	96	842m	0.169	ug/L	
19) 1,1-Dichloroethane	3.617	63	1869	0.214	ug/L #	82
21) 2-Butanone	4.586	43	1629	1.970	ug/L	71
22) cis-1,2-Dichloroethene	4.495	96	1279	0.239	ug/L #	52
23) Bromochloromethane	4.910	128	520	0.215	ug/L #	52
25) Chloroform	5.105	83	3210	0.283	ug/L #	33

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.098	62	1572	0.226	ug/L	#	85
29) 1,1,1-Trichloroethane	5.391	97	2554m	0.224	ug/L		
30) Cyclohexane	5.470	56	1600m	0.226	ug/L		
31) Carbon tetrachloride	5.684	117	2224	0.227	ug/L		97
33) Benzene	6.043	78	4058	0.212	ug/L		100
34) Trichloroethene	7.135	95	1402	0.225	ug/L	#	75
35) Methylcyclohexane	7.385	83	1732	0.199	ug/L		92
37) 1,2-Dichloropropane	7.427	63	872	0.186	ug/L	#	87
38) Bromodichloromethane	7.830	83	1612	0.207	ug/L	#	83
39) cis-1,3-Dichloropropene	8.378	75	1243	0.157	ug/L	#	82
40) 4-Methyl-2-pentanone	8.573	43	3250	1.558	ug/L	#	85
42) Toluene	8.720	91	6066	0.271	ug/L		92
44) trans-1,3-Dichloropropene	8.988	75	1407m	0.197	ug/L		
45) 1,1,2-Trichloroethane	9.159	97	878	0.233	ug/L	#	61
47) Tetrachloroethene	9.275	164	908	0.208	ug/L		86
48) 2-Hexanone	9.439	43	2950	1.937	ug/L	#	88
49) Dibromochloromethane	9.525	129	993	0.202	ug/L		95
50) 1,2-Dibromoethane	9.610	107	808	0.214	ug/L	#	96
51) Chlorobenzene	10.079	112	2839	0.200	ug/L	#	70
52) Ethylbenzene	10.195	91	5465	0.207	ug/L		90
53) m,p-xylene	10.305	106	2148	0.229	ug/L		86
54) o-xylene	10.646	106	1992	0.218	ug/L		75
55) Styrene	10.665	104	2749	0.179	ug/L	#	70
57) 1,1,2,2-Tetrachloroethane	11.213	83	841	0.193	ug/L	#	84
59) Bromoform	10.805	173	506	0.232	ug/L	#	79
60) Isopropylbenzene	10.969	105	5158	0.206	ug/L		96
61) 1,2,3-Trichloropropane	11.244	75	659	0.214	ug/L	#	75
62) 1,3,5-Trimethylbenzene	11.457	105	4678	0.214	ug/L		98
63) 1,2,4-Trimethylbenzene	11.756	105	4545	0.203	ug/L		97
64) 1,3-Dichlorobenzene	11.969	146	2020	0.194	ug/L		96
65) 1,4-Dichlorobenzene	12.048	146	2042	0.195	ug/L	#	81
67) 1,2-Dichlorobenzene	12.335	146	1999	0.208	ug/L	#	72
68) 1,2-Dibromo-3-chloropr...	12.945	75	99	0.132	ug/L	#	35
69) 1,3,5-Trichlorobenzene	13.115	180	1628	0.205	ug/L		93
70) 1,2,4-trichlorobenzene	13.591	180	1138	0.181	ug/L	#	94
71) Naphthalene	13.780	128	1389	0.123	ug/L	#	92
72) 1,2,3-Trichlorobenzene	13.969	180	1097	0.194	ug/L	#	83

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

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