Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
Data File : VU045988.D
Acq On : 24 Nov 2021 12:39
Operator : SY/MD
Sample : M4825-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4658MS

Quant Time: Nov 26 00:19:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 26 00:17:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	102529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	102214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	16014	1.971	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 39.400%#			
7) Chloroethane-d5	1.919	69	24904	4.211	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	2.571	65	11440	3.358	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.200%			
20) 2-Butanone-d5	4.652	46	129961	59.700	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.400%			
24) Chloroform-d	5.066	84	66600	4.921	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
26) 1,2-Dichloroethane-d4	5.706	65	38006	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
32) Benzene-d6	5.732	84	130688	4.643	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
36) 1,2-Dichloropropane-d6	6.693	67	42758	4.820	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.400%			
41) Toluene-d8	7.899	98	116974	4.594	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.182	79	13176	3.659	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.200%			
46) 2-Hexanone-d5	8.636	63	94699	58.423	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.840%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40551	5.411	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	45329	5.005	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	38497	4.611	ug/L	99
3) Chloromethane	1.523	50	35041	3.961	ug/L	98
5) Vinyl chloride	1.607	62	40186	4.526	ug/L	97
6) Bromomethane	1.861	94	20206	3.837	ug/L	98
8) Chloroethane	1.938	64	23687	4.679	ug/L	99
9) Trichlorofluoromethane	2.144	101	54422	4.748	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	32417	4.823	ug/L	98
12) 1,1-Dichloroethene	2.584	96	29590	4.662	ug/L	87
13) Acetone	2.674	43	74831	58.403	ug/L	95
14) Carbon disulfide	2.800	76	80152	3.993	ug/L	99
15) Methyl Acetate	2.964	43	15753	5.011	ug/L	91
16) Methylene chloride	3.051	84	34291	3.660	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	90568	5.481	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	32423	4.766	ug/L	96
19) 1,1-Dichloroethane	3.877	63	73296	5.751	ug/L	99
21) 2-Butanone	4.729	43	126385	58.624	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	58017	7.865	ug/L	99
23) Bromochloromethane	4.980	128	17238	5.362	ug/L	93
25) Chloroform	5.092	83	65497	4.737	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	43999	4.987	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	54678	4.924	ug/L	99
30) Cyclohexane	5.394	56	50754	4.608	ug/L	99
31) Carbon tetrachloride	5.530	117	46187	4.946	ug/L	98
33) Benzene	5.777	78	136189	4.775	ug/L	100
34) Trichloroethene	6.546	95	40937	5.569	ug/L	95
35) Methylcyclohexane	6.767	83	53923	4.777	ug/L	97
37) 1,2-Dichloropropane	6.793	63	36303	4.836	ug/L	98
38) Bromodichloromethane	7.108	83	46919	5.066	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	53134	4.981	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	288771	58.652	ug/L	97
42) Toluene	7.973	91	149592	5.081	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	49122	5.294	ug/L	94
45) 1,1,2-Trichloroethane	8.404	97	30789	5.525	ug/L	96
47) Tetrachloroethene	8.555	164	25613	4.977	ug/L	97
48) 2-Hexanone	8.687	43	220487	61.990	ug/L	98
49) Dibromochloromethane	8.812	129	34069	5.368	ug/L	95
50) 1,2-Dibromoethane	8.925	107	28876	5.500	ug/L	96
51) Chlorobenzene	9.449	112	94984	5.143	ug/L	98
52) Ethylbenzene	9.574	91	158693	5.149	ug/L	99
53) m,p-Xylene	9.697	106	61816	5.236	ug/L	96
54) o-Xylene	10.102	106	59606	5.232	ug/L	94
55) Styrene	10.118	104	103731	5.409	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	39877	5.587	ug/L	94
59) Bromoform	10.295	173	19558	5.598	ug/L	99
60) Isopropylbenzene	10.488	105	161651	5.220	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	30869	5.637	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	132806	5.245	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	134021	5.283	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	74680	5.169	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75185	5.123	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72898	5.263	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	5739	5.038	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	55301	5.117	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47066	5.147	ug/L	99
71) Naphthalene	14.085	128	104890	5.583	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	46994	5.165	ug/L	98

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

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