Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
Data File : VU045849.D
Acq On : 17 Nov 2021 18:52
Operator : SY/MD
Sample : M4664-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H4649MS

Quant Time: Nov 18 02:22:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	68100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	70167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41268	7.649	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 153.000%#			
7) Chloroethane-d5	1.916	69	29954	7.626	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 152.600%#			
11) 1,1-Dichloroethene-d2	2.571	65	16758	7.405	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 148.200%#			
20) 2-Butanone-d5	4.642	46	106828	73.883	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 147.760%#			
24) Chloroform-d	5.070	84	65561	7.293	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 145.800%#			
26) 1,2-Dichloroethane-d4	5.706	65	36753	6.968	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 139.400%#			
32) Benzene-d6	5.729	84	133375	6.903	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 138.000%#			
36) 1,2-Dichloropropane-d6	6.693	67	40657	6.676	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 133.600%			
41) Toluene-d8	7.899	98	119584	6.841	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 136.800%#			
43) trans-1,3-Dichloroprop...	8.182	79	16496	6.673	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 133.400%#			
46) 2-Hexanone-d5	8.635	63	75991	68.293	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 136.580%#			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36556	7.105	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 142.200%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	43069	6.661	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 133.200%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	26037	4.696	ug/L	100
3) Chloromethane	1.520	50	28335	4.822	ug/L	98
5) Vinyl chloride	1.607	62	153201	25.977	ug/L	100
6) Bromomethane	1.861	94	10688	3.056	ug/L	97
8) Chloroethane	1.938	64	20120	5.983	ug/L	100
9) Trichlorofluoromethane	2.144	101	37079	4.870	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	21661	4.852	ug/L	98
12) 1,1-Dichloroethene	2.584	96	20984	4.978	ug/L	93
13) Acetone	2.668	43	48535	57.030	ug/L	94
14) Carbon disulfide	2.796	76	65101	4.883	ug/L	100
15) Methyl Acetate	2.964	43	10299	4.932	ug/L	96
16) Methylene chloride	3.051	84	24465	3.931	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	204010	18.589	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	37730	8.349	ug/L	98
19) 1,1-Dichloroethane	3.877	63	51600	6.095	ug/L	100
21) 2-Butanone	4.722	43	77031	53.796	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	36811	7.513	ug/L	97
23) Bromochloromethane	4.980	128	11712	5.484	ug/L	97
25) Chloroform	5.092	83	44928	4.892	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	30082	5.133	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	37116	4.869	ug/L	99
30) Cyclohexane	5.391	56	32743	4.330	ug/L	99
31) Carbon tetrachloride	5.529	117	31452	4.906	ug/L	99
33) Benzene	5.777	78	102889	5.255	ug/L	100
34) Trichloroethene	6.546	95	24998	4.954	ug/L	96
35) Methylcyclohexane	6.767	83	33912	4.376	ug/L	97
37) 1,2-Dichloropropane	6.793	63	25695	4.987	ug/L	99
38) Bromodichloromethane	7.108	83	32193	5.063	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	35085	4.792	ug/L	96
40) 4-Methyl-2-pentanone	7.793	43	173475	51.327	ug/L	100
42) Toluene	7.973	91	103707	5.131	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	31137	4.888	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	19370	5.064	ug/L	99
47) Tetrachloroethene	8.555	164	16966	4.803	ug/L	94
48) 2-Hexanone	8.687	43	136601	55.946	ug/L	100
49) Dibromochloromethane	8.812	129	21565	4.949	ug/L	97
50) 1,2-Dibromoethane	8.925	107	18221	5.056	ug/L	97
51) Chlorobenzene	9.449	112	64589	5.094	ug/L	99
52) Ethylbenzene	9.574	91	102468	4.843	ug/L	100
53) m,p-Xylene	9.697	106	39882	4.921	ug/L	97
54) o-Xylene	10.102	106	38968	4.983	ug/L	96
55) Styrene	10.118	104	69176	5.255	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	25537	5.212	ug/L	94
59) Bromoform	10.291	173	11353	4.552	ug/L	95
60) Isopropylbenzene	10.488	105	102300	4.628	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	18888	4.832	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	81396	4.503	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	82056	4.531	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	49531	4.803	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	50663	4.836	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	48193	4.874	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	3762	4.626	ug/L	92
69) 1,3,5-Trichlorobenzene	13.220	180	35021	4.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	29994	4.595	ug/L	98
71) Naphthalene	14.085	128	60217	4.490	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	30169	4.644	ug/L	97

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

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