Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061755.D
Acq On : 16 Nov 2024 19:52
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Quant Time: Nov 18 04:03:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:17:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	189255	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44419	3.633	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.600%			
7) Chloroethane-d5	1.911	69	42608	4.082	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.600%			
11) 1,1-Dichloroethene-d2	2.560	65	19629	3.578	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.600%			
20) 2-Butanone-d5	4.628	46	136027	52.410	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.820%			
24) Chloroform-d	5.052	84	109802	4.518	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	5.692	65	54707	4.690	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.800%			
32) Benzene-d6	5.718	84	210390	4.252	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	6.682	67	66463	4.554	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.000%			
41) Toluene-d8	7.891	98	192163	4.166	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.400%			
43) trans-1,3-Dichloroprop...	8.174	79	23126	4.302	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.000%			
46) 2-Hexanone-d5	8.627	63	112656	53.034	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.060%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57824	5.026	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.600%			
66) 1,2-Dichlorobenzene-d4	12.184	152	70062	4.424	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	63112	4.487	ug/L	100
3) Chloromethane	1.515	50	59091	4.631	ug/L	99
5) Vinyl chloride	1.602	62	66002	4.687	ug/L	99
6) Bromomethane	1.853	94	38868	4.626	ug/L	98
8) Chloroethane	1.930	64	46458	4.756	ug/L	100
9) Trichlorofluoromethane	2.132	101	94533	4.566	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56814	4.642	ug/L	98
12) 1,1-Dichloroethene	2.573	96	52566	4.601	ug/L	95
13) Acetone	2.647	43	79489	48.612	ug/L	98
14) Carbon disulfide	2.788	76	152992	4.169	ug/L	100
15) Methyl Acetate	2.956	43	18685	4.574	ug/L	95
16) Methylene chloride	3.039	84	61145	4.644	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	135523	4.840	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	58382	4.659	ug/L	98
19) 1,1-Dichloroethane	3.859	63	110019	4.815	ug/L	96
21) 2-Butanone	4.708	43	128040	47.945	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	66914	4.735	ug/L	99
23) Bromochloromethane	4.965	128	30788	4.905	ug/L	98
25) Chloroform	5.078	83	117087	4.862	ug/L	96

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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005142

Quant Time: Nov 18 04:03:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 00:17:37 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	71459	4.729	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	96398	4.736	ug/L	99
30) Cyclohexane	5.380	56	93236	4.586	ug/L	98
31) Carbon tetrachloride	5.515	117	82093	4.735	ug/L	100
33) Benzene	5.766	78	260763	4.817	ug/L	100
34) Trichloroethene	6.534	95	67127	4.592	ug/L	95
35) Methylcyclohexane	6.753	83	101109	4.587	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65779	4.790	ug/L	99
38) Bromodichloromethane	7.097	83	78419	4.759	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	93140	4.765	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	334768	50.840	ug/L	100
42) Toluene	7.962	91	280875	4.819	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	71901	4.638	ug/L	98
45) 1,1,2-Trichloroethane	8.389	97	50307	5.025	ug/L	99
47) Tetrachloroethene	8.544	164	50804	4.625	ug/L	98
48) 2-Hexanone	8.679	43	246150	52.281	ug/L	99
49) Dibromochloromethane	8.801	129	50703	4.830	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46937	4.970	ug/L	99
51) Chlorobenzene	9.438	112	180696	4.816	ug/L	99
52) Ethylbenzene	9.563	91	301125	4.850	ug/L	100
53) m,p-Xylene	9.685	106	113861	4.793	ug/L	96
54) o-Xylene	10.090	106	113406	4.912	ug/L	93
55) Styrene	10.106	104	184768	5.026	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	60919	5.000	ug/L	95
59) Bromoform	10.280	173	27328	4.643	ug/L	97
60) Isopropylbenzene	10.476	105	296005	4.800	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	41318	4.932	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	230823	4.675	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	231801	4.823	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	133218	4.710	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	131783	4.589	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	126884	4.824	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	6906	4.721	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	92544	4.687	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	73227	4.785	ug/L	98
71) Naphthalene	14.081	128	108854	4.955	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	65206	5.076	ug/L	98

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

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ALS Vial : 26 Sample Multiplier: 1

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