Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061864.D
Acq On : 20 Nov 2024 13:45
Operator : MD/SY
Sample : VSTDICV005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV055

Quant Time: Nov 21 01:12:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:06:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	179899	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	204310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42118	4.773	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.400%			
7) Chloroethane-d5	1.907	69	36844	4.720	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.400%			
11) 1,1-Dichloroethene-d2	2.557	65	17723	5.027	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.600%			
20) 2-Butanone-d5	4.611	46	138050	49.819	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.640%			
24) Chloroform-d	5.052	84	106452	4.945	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.692	65	52981	4.782	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
32) Benzene-d6	5.714	84	173619	4.362	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.200%			
36) 1,2-Dichloropropane-d6	6.679	67	59800	4.421	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.888	98	150056	4.520	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	8.171	79	21785	4.351	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.000%			
46) 2-Hexanone-d5	8.621	63	95542	41.803	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.600%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	54112	4.004	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	61662	5.133	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	77250	4.908	ug/L	98
3) Chloromethane	1.518	50	78568	4.843	ug/L	99
5) Vinyl chloride	1.602	62	81547	4.893	ug/L	100
6) Bromomethane	1.849	94	49256	4.964	ug/L	100
8) Chloroethane	1.927	64	48681	4.530	ug/L	99
9) Trichlorofluoromethane	2.132	101	105026	4.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63936	4.928	ug/L	98
12) 1,1-Dichloroethene	2.573	96	58153	4.820	ug/L	99
13) Acetone	2.618	43	91541	47.847	ug/L	96
14) Carbon disulfide	2.785	76	188132	4.902	ug/L	99
15) Methyl Acetate	2.943	43	24389	4.964	ug/L	99
16) Methylene chloride	3.036	84	68395	4.721	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	150219	4.858	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	64077	5.024	ug/L	96
19) 1,1-Dichloroethane	3.856	63	120536	4.852	ug/L	99
21) 2-Butanone	4.689	43	153025	49.489	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	72289	5.036	ug/L	99
23) Bromochloromethane	4.962	128	30837	4.942	ug/L	95
25) Chloroform	5.074	83	127119	4.895	ug/L	96

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Operator : MD/SY
Sample : VSTDICV005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV055

Quant Time: Nov 21 01:12:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:06:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	80201	4.801	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	106959	4.542	ug/L	100
30) Cyclohexane	5.377	56	112737	4.577	ug/L	98
31) Carbon tetrachloride	5.512	117	90824	4.542	ug/L	100
33) Benzene	5.762	78	272906	4.423	ug/L	100
34) Trichloroethene	6.531	95	74342	4.514	ug/L	98
35) Methylcyclohexane	6.753	83	114516	4.546	ug/L	99
37) 1,2-Dichloropropane	6.779	63	72540	4.525	ug/L	97
38) Bromodichloromethane	7.097	83	87472	4.499	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	102198	4.547	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	387595	44.813	ug/L	99
42) Toluene	7.959	91	294600	4.550	ug/L	96
44) trans-1,3-Dichloropropene	8.200	75	80860	4.530	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	51444	4.356	ug/L	99
47) Tetrachloroethene	8.544	164	53063	4.430	ug/L	98
48) 2-Hexanone	8.672	43	276590	42.700	ug/L	98
49) Dibromochloromethane	8.798	129	52796	4.232	ug/L	93
50) 1,2-Dibromoethane	8.913	107	48523	4.140	ug/L	96
51) Chlorobenzene	9.438	112	218408	4.925	ug/L	99
52) Ethylbenzene	9.560	91	383823	4.953	ug/L	100
53) m,p-Xylene	9.685	106	141897	5.190	ug/L	98
54) o-Xylene	10.090	106	135137	4.897	ug/L	98
55) Styrene	10.106	104	222583	4.895	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	61186	4.043	ug/L	95
59) Bromoform	10.280	173	27955	4.628	ug/L	99
60) Isopropylbenzene	10.473	105	309341	4.883	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	43133	4.592	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	255366	5.053	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	253263	5.027	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	136500	4.854	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	133288	4.897	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	126944	5.190	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	8643	5.392	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	104727	6.258	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	69209	5.396	ug/L	99
71) Naphthalene	14.080	128	112566	5.446	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	58263	5.275	ug/L	99

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

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ALS Vial : 9 Sample Multiplier: 1

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