Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092524\
Data File : VU061009.D
Acq On : 25 Sep 2024 17:10
Operator : MD/SY
Sample : P4186-07MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY072MSD

Quant Time: Sep 26 05:41:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 26 05:34:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	135421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	136237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49280	4.046	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.000%			
7) Chloroethane-d5	1.911	69	42376	4.886	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.800%			
11) 1,1-Dichloroethene-d2	2.560	65	17258	3.998	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.000%			
20) 2-Butanone-d5	4.637	46	113882	58.241	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.480%			
24) Chloroform-d	5.055	84	90235	4.846	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.695	65	44836	5.038	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	5.718	84	164773	4.512	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	6.682	67	55927	4.950	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.000%			
41) Toluene-d8	7.891	98	151062	4.538	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
43) trans-1,3-Dichloroprop...	8.171	79	20098	4.942	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.800%			
46) 2-Hexanone-d5	8.627	63	90925	56.679	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.360%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46904	5.299	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	50845	4.404	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	50050	4.896	ug/L	99
3) Chloromethane	1.515	50	61956	5.738	ug/L	97
5) Vinyl chloride	1.599	62	64567	5.525	ug/L	99
6) Bromomethane	1.853	94	34732	4.650	ug/L	99
8) Chloroethane	1.930	64	41251	5.777	ug/L	100
9) Trichlorofluoromethane	2.133	101	89533	5.578	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49723	5.330	ug/L	97
12) 1,1-Dichloroethene	2.573	96	46338	5.440	ug/L	91
13) Acetone	2.663	43	77232	59.203	ug/L	94
14) Carbon disulfide	2.785	76	114474	4.844	ug/L	99
15) Methyl Acetate	2.962	43	16839	5.294	ug/L	92
16) Methylene chloride	3.036	84	51354	5.206	ug/L	92
17) Methyl tert-butyl Ether	3.358	73	115121	5.980	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	43835	4.966	ug/L	99
19) 1,1-Dichloroethane	3.859	63	101776	5.743	ug/L	98
21) 2-Butanone	4.718	43	123253	58.040	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	52446	5.369	ug/L	97
23) Bromochloromethane	4.965	128	23151	5.018	ug/L #	85
25) Chloroform	5.078	83	116068	6.281	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 26 05:34:11 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	60687	5.667	ug/L		99
29) 1,1,1-Trichloroethane	5.306	97	116988	7.954	ug/L		98
30) Cyclohexane	5.380	56	64189	5.310	ug/L		96
31) Carbon tetrachloride	5.515	117	71804	5.514	ug/L		100
33) Benzene	5.766	78	208689	5.571	ug/L		100
34) Trichloroethene	6.534	95	54796	5.580	ug/L		97
35) Methylcyclohexane	6.756	83	67127	4.982	ug/L		97
37) 1,2-Dichloropropane	6.782	63	62259	6.031	ug/L		100
38) Bromodichloromethane	7.097	83	74584	5.890	ug/L		97
39) cis-1,3-Dichloropropene	7.599	75	77923	5.676	ug/L		95
40) 4-Methyl-2-pentanone	7.785	43	316617	65.685	ug/L		96
42) Toluene	7.962	91	222816	5.689	ug/L		97
44) trans-1,3-Dichloropropene	8.203	75	64639	5.725	ug/L		97
45) 1,1,2-Trichloroethane	8.390	97	40717	5.464	ug/L		96
47) Tetrachloroethene	8.547	164	42288	5.419	ug/L		96
48) 2-Hexanone	8.679	43	216422	61.597	ug/L		98
49) Dibromochloromethane	8.801	129	46617	5.495	ug/L		96
50) 1,2-Dibromoethane	8.914	107	36605	5.504	ug/L	#	99
51) Chlorobenzene	9.438	112	139070	5.288	ug/L		95
52) Ethylbenzene	9.563	91	219674	5.328	ug/L		99
53) m,p-Xylene	9.685	106	83582	5.346	ug/L		97
54) o-Xylene	10.094	106	83266	5.397	ug/L		98
55) Styrene	10.107	104	142625	5.484	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.772	83	53423	5.748	ug/L		97
59) Bromoform	10.283	173	27078	5.229	ug/L		99
60) Isopropylbenzene	10.476	105	219559	5.392	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	35217	5.495	ug/L		99
62) 1,3,5-Trimethylbenzene	11.081	105	164047	5.184	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	162555	5.199	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	106131	5.184	ug/L		96
65) 1,4-Dichlorobenzene	11.830	146	106339	5.025	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	99391	5.134	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	7624	6.093	ug/L	#	78
69) 1,3,5-Trichlorobenzene	13.212	180	75084	4.903	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	58739	5.445	ug/L		94
71) Naphthalene	14.081	128	77752	5.465	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	50036	5.369	ug/L		97

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

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