Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059615.D
Acq On : 28 Jun 2024 12:40
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Quant Time: Jun 28 23:51:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 02:08:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156612	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42178	3.873	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.400%			
7) Chloroethane-d5	1.907	69	45118	4.306	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.560	65	18789	4.159	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.621	46	108496	48.367	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.740%			
24) Chloroform-d	5.055	84	105359	4.714	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.200%			
26) 1,2-Dichloroethane-d4	5.695	65	48200	4.477	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
32) Benzene-d6	5.721	84	208878	4.794	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
36) 1,2-Dichloropropane-d6	6.682	67	62419	4.675	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.600%			
41) Toluene-d8	7.891	98	194803	4.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.200%			
43) trans-1,3-Dichloroprop...	8.174	79	18348	4.389	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.627	63	95003	54.692	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.380%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53574	4.857	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	71014	4.815	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	62367	4.700	ug/L	98
3) Chloromethane	1.518	50	68231	4.777	ug/L	98
5) Vinyl chloride	1.599	62	77155	4.890	ug/L	98
6) Bromomethane	1.853	94	43303	3.947	ug/L	98
8) Chloroethane	1.930	64	47320	4.978	ug/L	100
9) Trichlorofluoromethane	2.132	101	97097	5.112	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	59201	4.924	ug/L	94
12) 1,1-Dichloroethene	2.573	96	55577	5.004	ug/L	84
13) Acetone	2.634	43	67038	46.070	ug/L	92
14) Carbon disulfide	2.788	76	179367	4.840	ug/L	98
15) Methyl Acetate	2.946	43	18711	4.873	ug/L	93
16) Methylene chloride	3.039	84	65348	4.965	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	120334	5.027	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	58131	5.032	ug/L	90
19) 1,1-Dichloroethane	3.859	63	109082	5.121	ug/L	96
21) 2-Butanone	4.701	43	116988	50.124	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	64212	5.043	ug/L	97
23) Bromochloromethane	4.968	128	30141	5.193	ug/L	85
25) Chloroform	5.078	83	114550	5.106	ug/L	98

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Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Quant Time: Jun 28 23:51:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 02:08:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	68055	5.005	ug/L		99
29) 1,1,1-Trichloroethane	5.309	97	91460	5.003	ug/L		98
30) Cyclohexane	5.380	56	81083	5.024	ug/L		94
31) Carbon tetrachloride	5.518	117	78969	5.159	ug/L		99
33) Benzene	5.766	78	252895	5.260	ug/L		100
34) Trichloroethene	6.534	95	66867	5.136	ug/L		97
35) Methylcyclohexane	6.756	83	90073	4.862	ug/L		95
37) 1,2-Dichloropropane	6.782	63	63883	5.135	ug/L	#	97
38) Bromodichloromethane	7.100	83	79047	5.090	ug/L		93
39) cis-1,3-Dichloropropene	7.602	75	79640	4.681	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	295315	51.227	ug/L	#	95
42) Toluene	7.962	91	275797	5.419	ug/L		98
44) trans-1,3-Dichloropropene	8.206	75	63614	4.658	ug/L		98
45) 1,1,2-Trichloroethane	8.393	97	48660	5.308	ug/L		97
47) Tetrachloroethene	8.547	164	53866	5.332	ug/L		97
48) 2-Hexanone	8.679	43	211760	51.469	ug/L	#	92
49) Dibromochloromethane	8.804	129	52962	5.215	ug/L		98
50) 1,2-Dibromoethane	8.917	107	45200	5.339	ug/L		97
51) Chlorobenzene	9.441	112	170936	5.295	ug/L		96
52) Ethylbenzene	9.566	91	276451	5.295	ug/L		95
53) m,p-Xylene	9.688	106	107488	5.360	ug/L		98
54) o-Xylene	10.094	106	103494	5.438	ug/L		96
55) Styrene	10.110	104	180166	5.561	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	59341	5.336	ug/L		97
59) Bromoform	10.283	173	32592	5.139	ug/L	#	98
60) Isopropylbenzene	10.479	105	270729	5.289	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	39056	5.100	ug/L		95
62) 1,3,5-Trimethylbenzene	11.084	105	207519	5.117	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	206729	5.332	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	139073	5.342	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	138628	5.173	ug/L		96
67) 1,2-Dichlorobenzene	12.206	146	128076	5.228	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8326	5.575	ug/L		90
69) 1,3,5-Trichlorobenzene	13.216	180	98221	5.097	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	77740	5.259	ug/L		98
71) Naphthalene	14.081	128	104409	4.934	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	73549	5.358	ug/L		96

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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