Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
Data File : VU055301.D
Acq On : 14 Sep 2023 10:56
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Quant Time: Sep 15 02:51:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 14 05:00:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188820	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	106014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	59029	6.670	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 133.400%#			
7) Chloroethane-d5	1.911	69	57398	5.603	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.000%			
11) 1,1-Dichloroethene-d2	2.560	65	23481	4.657	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.200%			
20) 2-Butanone-d5	4.631	46	105174	40.954	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.900%			
24) Chloroform-d	5.058	84	109387	4.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.701	65	52509	4.469	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.400%			
32) Benzene-d6	5.727	84	220033	4.634	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.688	67	66990	4.436	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.800%			
41) Toluene-d8	7.897	98	203433	4.651	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	8.180	79	23232	5.586	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 111.800%			
46) 2-Hexanone-d5	8.634	63	64250	38.055	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.100%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	44825	4.221	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	69143	4.468	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	45066	4.107	ug/L	99
3) Chloromethane	1.515	50	41620	3.726	ug/L	95
5) Vinyl chloride	1.599	62	48054	4.078	ug/L	99
6) Bromomethane	1.853	94	37046	5.213	ug/L	96
8) Chloroethane	1.930	64	40944	5.336	ug/L	100
9) Trichlorofluoromethane	2.132	101	86758	5.063	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	47989	4.813	ug/L	97
12) 1,1-Dichloroethene	2.576	96	37361	4.280	ug/L	90
13) Acetone	2.637	43	80970	47.043	ug/L	100
14) Carbon disulfide	2.788	76	77707	3.635	ug/L	99
15) Methyl Acetate	2.955	43	16665	4.730	ug/L	93
16) Methylene chloride	3.039	84	57684	4.325	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	115232	5.033	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	42531	4.802	ug/L	85
19) 1,1-Dichloroethane	3.865	63	98438	5.143	ug/L	96
21) 2-Butanone	4.711	43	120451	47.630	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	55746	5.142	ug/L	96
23) Bromochloromethane	4.971	128	24721	5.544	ug/L	95
25) Chloroform	5.084	83	109047	5.470	ug/L	92

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Acq On : 14 Sep 2023 10:56
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Quant Time: Sep 15 02:51:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 14 05:00:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.791	62	64190	5.276	ug/L		97
29) 1,1,1-Trichloroethane	5.312	97	87754	5.274	ug/L		98
30) Cyclohexane	5.386	56	62157	4.201	ug/L		95
31) Carbon tetrachloride	5.521	117	69832	5.047	ug/L		96
33) Benzene	5.772	78	210000	5.130	ug/L		100
34) Trichloroethene	6.541	95	60682	5.334	ug/L		97
35) Methylcyclohexane	6.759	83	68385	4.284	ug/L		96
37) 1,2-Dichloropropane	6.788	63	58353	5.236	ug/L		99
38) Bromodichloromethane	7.103	83	74222	5.578	ug/L		96
39) cis-1,3-Dichloropropene	7.605	75	75662	4.991	ug/L		92
40) 4-Methyl-2-pentanone	7.788	43	299521	47.112	ug/L		95
42) Toluene	7.968	91	228848	5.244	ug/L		99
44) trans-1,3-Dichloropropene	8.209	75	62005	5.211	ug/L		94
45) 1,1,2-Trichloroethane	8.399	97	44035	5.866	ug/L		91
47) Tetrachloroethene	8.553	164	40709	5.177	ug/L		97
48) 2-Hexanone	8.682	43	234360	47.062	ug/L		96
49) Dibromochloromethane	8.807	129	45909	5.602	ug/L		91
50) 1,2-Dibromoethane	8.923	107	39739	5.813	ug/L	#	92
51) Chlorobenzene	9.444	112	152782	5.286	ug/L		100
52) Ethylbenzene	9.569	91	250219	5.125	ug/L		99
53) m,p-Xylene	9.692	106	94933	5.255	ug/L		93
54) o-Xylene	10.100	106	93231	5.244	ug/L		94
55) Styrene	10.113	104	159546	5.434	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.778	83	45288	4.843	ug/L		96
59) Bromoform	10.290	173	23431	5.532	ug/L		97
60) Isopropylbenzene	10.483	105	260301	5.266	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	37015	5.261	ug/L		94
62) 1,3,5-Trimethylbenzene	11.087	105	207202	5.038	ug/L		98
63) 1,2,4-Trimethylbenzene	11.466	105	200162	4.939	ug/L		99
64) 1,3-Dichlorobenzene	11.743	146	126083	5.313	ug/L		98
65) 1,4-Dichlorobenzene	11.833	146	126374	5.343	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	117955	5.301	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.994	75	5983	4.415	ug/L		88
69) 1,3,5-Trichlorobenzene	13.219	180	88594	4.940	ug/L		99
70) 1,2,4-trichlorobenzene	13.839	180	69313	4.122	ug/L		99
71) Naphthalene	14.087	128	105108	3.439	ug/L		99
72) 1,2,3-Trichlorobenzene	14.328	180	60489	4.144	ug/L		100

(#) = 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 :
VSTD005124

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