Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120622\
Data File : VU052183.D
Acq On : 06 Dec 2022 10:21
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005092

Quant Time: Dec 06 21:22:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 05:20:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	231131	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	228151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118926	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	111359	4.953	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.000%			
7) Chloroethane-d5	1.912	69	92263	5.284	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.600%			
11) 1,1-Dichloroethene-d2	2.565	65	42718	5.301	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.000%			
20) 2-Butanone-d5	4.649	46	204729	50.238	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.480%			
24) Chloroform-d	5.063	84	183210	5.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.000%			
26) 1,2-Dichloroethane-d4	5.703	65	84851	5.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
32) Benzene-d6	5.726	84	372727	5.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.000%			
36) 1,2-Dichloropropane-d6	6.690	67	110623	5.277	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.600%			
41) Toluene-d8	7.896	98	343319	5.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.000%			
43) trans-1,3-Dichloroprop...	8.179	79	40685	5.326	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.600%			
46) 2-Hexanone-d5	8.636	63	164316	50.759	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.520%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	96530	5.311	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	113252	4.974	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	102774	5.127	ug/L	100
3) Chloromethane	1.523	50	130726	4.997	ug/L	99
5) Vinyl chloride	1.604	62	132278	5.262	ug/L	98
6) Bromomethane	1.858	94	61992	4.806	ug/L	100
8) Chloroethane	1.935	64	78259	5.007	ug/L	95
9) Trichlorofluoromethane	2.138	101	145138	5.249	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91457	5.410	ug/L	99
12) 1,1-Dichloroethene	2.578	96	91399	5.451	ug/L	93
13) Acetone	2.665	43	149223	53.924	ug/L	100
14) Carbon disulfide	2.793	76	303403	5.227	ug/L	99
15) Methyl Acetate	2.964	43	32794	4.569	ug/L	98
16) Methylene chloride	3.047	84	115135	5.076	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	176848	4.712	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	92826	5.165	ug/L	95
19) 1,1-Dichloroethane	3.871	63	164852	5.089	ug/L	98
21) 2-Butanone	4.723	43	218469	49.256	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	94348	5.002	ug/L	98
23) Bromochloromethane	4.973	128	47241	5.235	ug/L	93
25) Chloroform	5.086	83	171221	5.216	ug/L	97

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Data File : VU052183.D
Acq On : 06 Dec 2022 10:21
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005092

Quant Time: Dec 06 21:22:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 24 05:20:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	101335	5.041	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	138602	5.476	ug/L	99
30) Cyclohexane	5.388	56	120769	4.914	ug/L	100
31) Carbon tetrachloride	5.523	117	118752	5.521	ug/L	99
33) Benzene	5.774	78	391982	5.279	ug/L	100
34) Trichloroethene	6.542	95	94198	5.086	ug/L	96
35) Methylcyclohexane	6.761	83	133247	5.002	ug/L	99
37) 1,2-Dichloropropane	6.790	63	99383	5.169	ug/L	100
38) Bromodichloromethane	7.105	83	123024	5.249	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	122947	4.981	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	490877	48.882	ug/L	100
42) Toluene	7.967	91	419111	5.487	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	111875	5.293	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	74474	5.155	ug/L	99
47) Tetrachloroethene	8.552	164	75966	5.352	ug/L	97
48) 2-Hexanone	8.684	43	382413	51.944	ug/L	99
49) Dibromochloromethane	8.809	129	90600	5.599	ug/L	98
50) 1,2-Dibromoethane	8.922	107	69718	5.298	ug/L	99
51) Chlorobenzene	9.446	112	251459	5.164	ug/L	98
52) Ethylbenzene	9.568	91	379752	5.114	ug/L	100
53) m,p-Xylene	9.693	106	155119	5.395	ug/L	93
54) o-Xylene	10.099	106	147637	5.357	ug/L	96
55) Styrene	10.115	104	256832	5.518	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	94831	5.256	ug/L	99
59) Bromoform	10.292	173	52123	5.321	ug/L	98
60) Isopropylbenzene	10.484	105	373409	4.999	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	65212	4.791	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	273649	4.582	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	282384	4.764	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	193832	5.082	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	193658	5.091	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	185444	5.049	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	13548	4.548	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	131511	4.862	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	96522	4.686	ug/L	99
71) Naphthalene	14.086	128	151915	3.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	98668	4.869	ug/L	100

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

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Acq On : 06 Dec 2022 10:21
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005092

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