Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
Data File : VU051774.D
Acq On : 08 Nov 2022 09:31
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

Quant Time: Nov 08 23:55:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 22:04:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	123721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85451	5.872	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 117.400%			
7) Chloroethane-d5	1.912	69	76275	5.026	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.600%			
11) 1,1-Dichloroethene-d2	2.565	65	35610	6.743	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 134.800%#			
20) 2-Butanone-d5	4.617	46	187041	35.492	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.980%			
24) Chloroform-d	5.060	84	162671	4.777	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	5.700	65	82668	4.494	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
32) Benzene-d6	5.726	84	341337	5.381	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.600%			
36) 1,2-Dichloropropane-d6	6.690	67	104396	4.706	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.896	98	325695	6.529	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 130.600%#			
43) trans-1,3-Dichloroprop...	8.179	79	36458	5.375	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.600%			
46) 2-Hexanone-d5	8.629	63	165091	40.434	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.860%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92743	4.562	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	112084	4.936	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	108981	5.158	ug/L	99
3) Chloromethane	1.523	50	103034	3.868	ug/L	98
5) Vinyl chloride	1.604	62	124625	4.884	ug/L	91
6) Bromomethane	1.855	94	69152	5.716	ug/L	96
8) Chloroethane	1.932	64	76304	4.925	ug/L	99
9) Trichlorofluoromethane	2.138	101	158342	5.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	97699	5.933	ug/L	97
12) 1,1-Dichloroethene	2.578	96	87230	5.193	ug/L	90
13) Acetone	2.620	43	148896	55.684	ug/L	99
14) Carbon disulfide	2.793	76	223968	4.136	ug/L	100
15) Methyl Acetate	2.948	43	37487	5.355	ug/L	98
16) Methylene chloride	3.044	84	113304	4.118	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	214059	5.558	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	89664	4.974	ug/L	99
19) 1,1-Dichloroethane	3.867	63	179494	5.398	ug/L	98
21) 2-Butanone	4.697	43	241941	57.778	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	106376	5.333	ug/L	99
23) Bromochloromethane	4.973	128	49515	5.309	ug/L	98
25) Chloroform	5.086	83	196140	5.686	ug/L	99

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

Quant Time: Nov 08 23:55:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 04 22:04:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	111477	5.252	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	153031	5.607	ug/L	99
30) Cyclohexane	5.388	56	124148	4.940	ug/L	99
31) Carbon tetrachloride	5.523	117	126993	5.440	ug/L	99
33) Benzene	5.771	78	413935	5.218	ug/L	100
34) Trichloroethene	6.542	95	102851	5.372	ug/L	98
35) Methylcyclohexane	6.761	83	138889	5.247	ug/L	100
37) 1,2-Dichloropropane	6.790	63	110617	5.421	ug/L	100
38) Bromodichloromethane	7.105	83	139976	5.616	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	142311	5.437	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	598463	58.478	ug/L	99
42) Toluene	7.967	91	449779	5.521	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	126832	5.798	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	86981	5.817	ug/L	98
47) Tetrachloroethene	8.552	164	80006	5.457	ug/L	98
48) 2-Hexanone	8.681	43	437088	57.699	ug/L	98
49) Dibromochloromethane	8.809	129	98773	5.783	ug/L	98
50) 1,2-Dibromoethane	8.922	107	75595	5.604	ug/L	97
51) Chlorobenzene	9.446	112	284508	5.549	ug/L	99
52) Ethylbenzene	9.568	91	443591	5.643	ug/L	100
53) m,p-Xylene	9.693	106	178294	5.839	ug/L	99
54) o-Xylene	10.099	106	170558	5.716	ug/L	98
55) Styrene	10.115	104	303593	6.085	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	110209	5.945	ug/L	98
59) Bromoform	10.288	173	55086	4.819	ug/L	99
60) Isopropylbenzene	10.481	105	454256	5.029	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	75264	4.704	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	114429	4.706	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	338075	4.822	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	231612	5.151	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	228356	5.065	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	216614	4.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15889	4.823	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	164467	5.132	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	127154	5.168	ug/L	98
71) Naphthalene	14.086	128	206009	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	119877	4.825	ug/L	98

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

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

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

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