Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051679.D
Acq On : 02 Nov 2022 02:34
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

Quant Time: Nov 02 04:08:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	192367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	196192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89285	6.163	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 123.200%			
7) Chloroethane-d5	1.909	69	75117	4.971	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.400%			
11) 1,1-Dichloroethene-d2	2.562	65	34447	6.551	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 131.000%#			
20) 2-Butanone-d5	4.623	46	197730	37.684	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.360%			
24) Chloroform-d	5.063	84	167096	4.929	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
26) 1,2-Dichloroethane-d4	5.700	65	82114	4.484	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
32) Benzene-d6	5.726	84	337242	5.447	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.000%			
36) 1,2-Dichloropropane-d6	6.690	67	105203	4.859	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.896	98	308280	6.332	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 126.600%			
43) trans-1,3-Dichloroprop...	8.179	79	34841	5.263	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.200%			
46) 2-Hexanone-d5	8.632	63	171932	43.146	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.300%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92203	4.648	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	101731	5.440	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	113520	5.396	ug/L	98
3) Chloromethane	1.526	50	131080	4.943	ug/L	99
5) Vinyl chloride	1.604	62	135212	5.323	ug/L #	80
6) Bromomethane	1.851	94	61650	5.118	ug/L	97
8) Chloroethane	1.928	64	80771	5.236	ug/L	98
9) Trichlorofluoromethane	2.134	101	155685	5.583	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	90224	5.503	ug/L	99
12) 1,1-Dichloroethene	2.578	96	87845	5.253	ug/L	93
13) Acetone	2.629	43	138809	52.140	ug/L	99
14) Carbon disulfide	2.790	76	282407	5.238	ug/L	99
15) Methyl Acetate	2.951	43	36851	5.287	ug/L	95
16) Methylene chloride	3.044	84	125897	4.596	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	208436	5.436	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	96801	5.394	ug/L	98
19) 1,1-Dichloroethane	3.867	63	186503	5.634	ug/L	98
21) 2-Butanone	4.703	43	233919	56.107	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	106449	5.360	ug/L	97
23) Bromochloromethane	4.973	128	51190	5.513	ug/L	96
25) Chloroform	5.086	83	192083	5.593	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	116076	5.492	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	148867	5.589	ug/L	100
30) Cyclohexane	5.385	56	130508	5.321	ug/L	99
31) Carbon tetrachloride	5.523	117	125396	5.504	ug/L	96
33) Benzene	5.774	78	429763	5.551	ug/L	100
34) Trichloroethene	6.542	95	100621	5.385	ug/L	98
35) Methylcyclohexane	6.761	83	134767	5.217	ug/L	99
37) 1,2-Dichloropropane	6.790	63	111065	5.577	ug/L	100
38) Bromodichloromethane	7.105	83	133780	5.500	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	128803	5.042	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	570310	57.098	ug/L	100
42) Toluene	7.967	91	446584	5.616	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	111134	5.205	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	81154	5.561	ug/L	99
47) Tetrachloroethene	8.552	164	77699	5.430	ug/L	97
48) 2-Hexanone	8.681	43	421259	56.979	ug/L	99
49) Dibromochloromethane	8.809	129	91578	5.493	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72543	5.510	ug/L	94
51) Chlorobenzene	9.446	112	273953	5.474	ug/L	98
52) Ethylbenzene	9.568	91	413740	5.393	ug/L	100
53) m,p-Xylene	9.693	106	164038	5.505	ug/L	96
54) o-Xylene	10.098	106	158790	5.452	ug/L	96
55) Styrene	10.111	104	277668	5.703	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	99136	5.479	ug/L	98
59) Bromoform	10.288	173	50180	5.330	ug/L	100
60) Isopropylbenzene	10.484	105	407018	5.472	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	69287	5.258	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	103503	5.169	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	294137	5.094	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	198122	5.350	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	191053	5.146	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	189531	5.254	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14821	5.463	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	131979	5.000	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	99272	4.899	ug/L	98
71) Naphthalene	14.085	128	172943	4.572	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	100254	4.899	ug/L	99

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

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