Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
Data File : VU051294.D
Acq On : 09 Oct 2022 00:17
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

Quant Time: Oct 09 04:09:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 05:40:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	190956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211699	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64407	4.181	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.909	69	64418	4.867	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	2.565	65	24837	4.079	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.600%			
20) 2-Butanone-d5	4.626	46	180948	53.356	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.720%			
24) Chloroform-d	5.063	84	152331	5.305	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
26) 1,2-Dichloroethane-d4	5.700	65	75727	5.113	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.200%			
32) Benzene-d6	5.726	84	272909	4.686	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	6.690	67	95362	4.821	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.400%			
41) Toluene-d8	7.896	98	254373	4.882	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
43) trans-1,3-Dichloroprop...	8.179	79	28621	4.405	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.000%			
46) 2-Hexanone-d5	8.632	63	110834	50.608	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.220%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80704	5.108	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	87583	4.600	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	74448	4.779	ug/L	99
3) Chloromethane	1.520	50	108389	4.956	ug/L	99
5) Vinyl chloride	1.600	62	104862	4.888	ug/L	99
6) Bromomethane	1.854	94	57548	4.926	ug/L	97
8) Chloroethane	1.932	64	69162	5.055	ug/L	99
9) Trichlorofluoromethane	2.137	101	122307	4.946	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	66825	4.502	ug/L	98
12) 1,1-Dichloroethene	2.578	96	66365	4.766	ug/L	94
13) Acetone	2.633	43	130447	51.285	ug/L	98
14) Carbon disulfide	2.790	76	205753	4.824	ug/L	98
15) Methyl Acetate	2.951	43	33060	5.347	ug/L	96
16) Methylene chloride	3.044	84	120081	5.840	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	157506	4.938	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	73376	5.009	ug/L	99
19) 1,1-Dichloroethane	3.867	63	160736	5.317	ug/L	98
21) 2-Butanone	4.703	43	203217	50.695	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	83426	5.141	ug/L	97
23) Bromochloromethane	4.973	128	41995	5.424	ug/L	97
25) Chloroform	5.086	83	165401	5.238	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	103089	5.450	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	122756	4.840	ug/L	99
30) Cyclohexane	5.385	56	81448	3.786	ug/L	99
31) Carbon tetrachloride	5.523	117	99673	4.644	ug/L	97
33) Benzene	5.774	78	350991	4.966	ug/L	100
34) Trichloroethene	6.539	95	82542	4.682	ug/L	98
35) Methylcyclohexane	6.761	83	83641	3.760	ug/L	96
37) 1,2-Dichloropropane	6.790	63	97338	5.025	ug/L	99
38) Bromodichloromethane	7.105	83	117734	5.095	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	100314	4.308	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	499472	49.147	ug/L	98
42) Toluene	7.967	91	365547	4.873	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	91100	4.525	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	69488	5.109	ug/L	97
47) Tetrachloroethene	8.552	164	57226	4.415	ug/L	99
48) 2-Hexanone	8.684	43	398919	52.718	ug/L	97
49) Dibromochloromethane	8.809	129	75800	4.963	ug/L	98
50) 1,2-Dibromoethane	8.922	107	61719	5.098	ug/L	98
51) Chlorobenzene	9.446	112	220782	4.926	ug/L	100
52) Ethylbenzene	9.568	91	319485	4.739	ug/L	97
53) m,p-Xylene	9.693	106	125753	4.810	ug/L	96
54) o-Xylene	10.098	106	121233	4.901	ug/L	98
55) Styrene	10.115	104	219589	5.156	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	84704	5.031	ug/L	99
59) Bromoform	10.288	173	41084	4.508	ug/L	99
60) Isopropylbenzene	10.484	105	303520	4.374	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	61814	4.469	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	71854	3.904	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	212495	4.082	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	162482	4.734	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	159950	4.728	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	156551	4.692	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	12803	4.839	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	107590	4.548	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	79002	4.699	ug/L	97
71) Naphthalene	14.085	128	122144	3.908	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	79661	4.580	ug/L	99

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

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