Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
Data File : VU054942.D
Acq On : 28 Aug 2023 22:44
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Quant Time: Aug 29 05:03:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:51:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193790	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27915	4.564	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.200%			
7) Chloroethane-d5	1.911	69	37583	4.756	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.563	65	17478	5.056	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.200%			
20) 2-Butanone-d5	4.637	46	213982	64.812	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.620%			
24) Chloroform-d	5.062	84	116627	5.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	5.701	65	63869	5.290	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	5.724	84	206353	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
36) 1,2-Dichloropropane-d6	6.689	67	73399	4.875	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.894	98	196183	4.786	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.800%			
43) trans-1,3-Dichloroprop...	8.180	79	24764	4.998	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.000%			
46) 2-Hexanone-d5	8.634	63	151001	64.213	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.420%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70290	5.445	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	82032	4.865	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	57130	4.758	ug/L	99
3) Chloromethane	1.518	50	59598	4.757	ug/L	99
5) Vinyl chloride	1.602	62	63387	4.874	ug/L	96
6) Bromomethane	1.856	94	24119	2.972	ug/L	100
8) Chloroethane	1.930	64	43095	5.038	ug/L	97
9) Trichlorofluoromethane	2.136	101	94750	5.119	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	50315	5.004	ug/L	94
12) 1,1-Dichloroethene	2.576	96	46543	5.319	ug/L	88
13) Acetone	2.650	43	89834	50.338	ug/L	93
14) Carbon disulfide	2.788	76	116729	4.817	ug/L	98
15) Methyl Acetate	2.959	43	21838	5.978	ug/L	92
16) Methylene chloride	3.042	84	60596	4.508	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	137804	5.411	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	47085	4.924	ug/L	95
19) 1,1-Dichloroethane	3.865	63	99170	4.944	ug/L	96
21) 2-Butanone	4.714	43	156976	57.404	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	59699	5.237	ug/L	97
23) Bromochloromethane	4.972	128	25087	5.085	ug/L	95
25) Chloroform	5.087	83	106756	4.852	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	69275	5.153	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	89320	4.719	ug/L	100
30) Cyclohexane	5.386	56	78845	4.699	ug/L	98
31) Carbon tetrachloride	5.521	117	76156	4.729	ug/L	99
33) Benzene	5.772	78	217062	4.832	ug/L	100
34) Trichloroethene	6.541	95	60484	4.858	ug/L	96
35) Methylcyclohexane	6.759	83	82896	4.500	ug/L	99
37) 1,2-Dichloropropane	6.788	63	60212	4.808	ug/L	98
38) Bromodichloromethane	7.103	83	73414	4.726	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	85393	4.732	ug/L	100
40) 4-Methyl-2-pentanone	7.791	43	393114	56.307	ug/L	99
42) Toluene	7.968	91	238397	4.783	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	68621	4.604	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	45360	5.367	ug/L	98
47) Tetrachloroethene	8.550	164	40303	4.505	ug/L	98
48) 2-Hexanone	8.685	43	296395	57.325	ug/L	99
49) Dibromochloromethane	8.807	129	48116	4.914	ug/L	90
50) 1,2-Dibromoethane	8.923	107	42433	5.215	ug/L	100
51) Chlorobenzene	9.444	112	154838	4.772	ug/L	98
52) Ethylbenzene	9.569	91	267964	4.766	ug/L	98
53) m,p-Xylene	9.692	106	101471	4.816	ug/L	99
54) o-Xylene	10.100	106	98247	4.864	ug/L	95
55) Styrene	10.113	104	163445	4.909	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.782	83	55683	5.326	ug/L	99
59) Bromoform	10.290	173	25538	4.868	ug/L	96
60) Isopropylbenzene	10.483	105	266713	4.705	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	41618	5.293	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	224125	4.606	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	215376	4.771	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	123278	4.673	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	124369	4.713	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	117033	4.868	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	8651	5.679	ug/L	99
69) 1,3,5-Trichlorobenzene	13.219	180	82973	4.718	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	65110	4.727	ug/L	98
71) Naphthalene	14.087	128	105260	5.080	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	58083	5.090	ug/L	99

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

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