Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
Data File : VU050192.D
Acq On : 09 Aug 2022 18:40
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005154

Quant Time: Aug 10 04:50:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 03:59:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93220	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48844	6.296	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 126.000%			
7) Chloroethane-d5	1.909	69	37637	6.013	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.200%			
11) 1,1-Dichloroethene-d2	2.562	65	17193	5.671	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 113.400%			
20) 2-Butanone-d5	4.629	46	106409	56.247	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.500%			
24) Chloroform-d	5.067	84	80532	5.581	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.600%			
26) 1,2-Dichloroethane-d4	5.703	65	40225	5.429	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	5.729	84	159451	5.579	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.600%			
36) 1,2-Dichloropropane-d6	6.694	67	51768	5.500	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.000%			
41) Toluene-d8	7.899	98	143425	5.682	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.600%			
43) trans-1,3-Dichloroprop...	8.182	79	18348	5.440	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 108.800%			
46) 2-Hexanone-d5	8.636	63	76459	63.929	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 127.860%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44673	5.405	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	43396	5.128	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	41163	4.816	ug/L	98
3) Chloromethane	1.520	50	54826	4.904	ug/L	98
5) Vinyl chloride	1.601	62	49709	4.964	ug/L	99
6) Bromomethane	1.851	94	24397	3.816	ug/L	98
8) Chloroethane	1.929	64	30405	5.152	ug/L	98
9) Trichlorofluoromethane	2.134	101	56350	5.138	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30959	5.074	ug/L	95
12) 1,1-Dichloroethene	2.578	96	32261	5.007	ug/L	93
13) Acetone	2.633	43	62321	59.152	ug/L	91
14) Carbon disulfide	2.790	76	112053	4.869	ug/L	99
15) Methyl Acetate	2.954	43	16252	5.650	ug/L	94
16) Methylene chloride	3.044	84	48725	4.949	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	81583	4.851	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	35962	4.985	ug/L	95
19) 1,1-Dichloroethane	3.871	63	71650	5.244	ug/L	99
21) 2-Butanone	4.710	43	105276	55.568	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	42802	5.345	ug/L	97
23) Bromochloromethane	4.980	128	19903	5.200	ug/L	97
25) Chloroform	5.089	83	75927	5.213	ug/L	99

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005154

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	46889	5.289	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	57955	5.158	ug/L	99
30) Cyclohexane	5.391	56	44848	4.582	ug/L	98
31) Carbon tetrachloride	5.526	117	47722	5.182	ug/L	99
33) Benzene	5.777	78	165489	5.157	ug/L	100
34) Trichloroethene	6.546	95	38366	4.944	ug/L	98
35) Methylcyclohexane	6.764	83	45595	4.551	ug/L	98
37) 1,2-Dichloropropane	6.793	63	44145	5.165	ug/L	100
38) Bromodichloromethane	7.108	83	53285	5.132	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	53418	4.789	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	251873	50.877	ug/L	99
42) Toluene	7.970	91	168005	5.220	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	46388	4.849	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	32182	5.037	ug/L	96
47) Tetrachloroethene	8.555	164	27333	4.915	ug/L	98
48) 2-Hexanone	8.687	43	189946	49.607	ug/L	98
49) Dibromochloromethane	8.812	129	36398	5.147	ug/L	98
50) 1,2-Dibromoethane	8.925	107	29861	5.154	ug/L	99
51) Chlorobenzene	9.449	112	99585	4.918	ug/L	97
52) Ethylbenzene	9.571	91	153172	4.878	ug/L	98
53) m,p-Xylene	9.697	106	59084	5.109	ug/L	99
54) o-Xylene	10.102	106	58084	5.031	ug/L	93
55) Styrene	10.118	104	99803	5.175	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	42698	5.086	ug/L	99
59) Bromoform	10.291	173	20516	4.736	ug/L	96
60) Isopropylbenzene	10.488	105	141043	4.889	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	28425	4.831	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	36308	4.455	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	103733	4.672	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	69400	4.773	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	67861	4.797	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	68976	4.899	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5977	5.181	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	46017	4.443	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	35029	4.464	ug/L	99
71) Naphthalene	14.089	128	69458	4.316	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38014	4.778	ug/L	98

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

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