Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092923\
Data File : VV032183.D
Acq On : 29 Sep 2023 10:22
Operator : SY/MD
Sample : VSTD00179
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 04:08:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 30 04:07:23 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD001279

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/02/2023
Supervised By :Mahesh Dadoda 10/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114195	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	111478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	56017	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8197	1.117	ug/L	0.00
7) Chloroethane-d5	1.532	69	6994	0.983	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3676	0.946	ug/L	0.00
20) 2-Butanone-d5	3.857	46	19745m	8.527	ug/L	0.03
24) Chloroform-d	4.256	84	14655	0.771	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	6641	0.719	ug/L	0.00
32) Benzene-d6	4.970	84	28272	0.916	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	9148	0.852	ug/L	0.00
41) Toluene-d8	7.249	98	26200	0.951	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.568	79	2948	0.867	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	13811	8.560	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	6561	0.905	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	9545	0.952	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	12917	1.203	ug/L	97
3) Chloromethane	1.217	50	13175	1.253	ug/L	97
5) Vinyl chloride	1.282	62	12668	1.234	ug/L	99
6) Bromomethane	1.491	94	7464	1.129	ug/L	100
8) Chloroethane	1.552	64	7537	1.196	ug/L	98
9) Trichlorofluoromethane	1.716	101	15177	0.999	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	9294	1.072	ug/L	100
12) 1,1-Dichloroethene	2.069	96	8722	1.133	ug/L	95
13) Acetone	2.150	43	15819	11.077	ug/L	84
14) Carbon disulfide	2.240	76	29841	1.337	ug/L	100
15) Methyl Acetate	2.391	43	3194	0.873	ug/L #	89
16) Methylene chloride	2.449	84	12033	1.171	ug/L	95
17) Methyl tert-butyl Ether	2.712	73	22274	1.312	ug/L	95
18) trans-1,2-Dichloroethene	2.700	96	9746	1.296	ug/L	96
19) 1,1-Dichloroethane	3.118	63	18460	1.194	ug/L	97
21) 2-Butanone	3.931	43	28243m	14.093	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	10056	1.291	ug/L	83
23) Bromochloromethane	4.159	128	4076	1.084	ug/L	97
25) Chloroform	4.285	83	18337	1.137	ug/L	98
27) 1,2-Dichloroethane	5.056	62	10746	1.128	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	15253	1.164	ug/L	98
30) Cyclohexane	4.584	56	16326	1.576	ug/L	99
31) Carbon tetrachloride	4.741	117	13012	1.150	ug/L	97
33) Benzene	5.018	78	39535	1.378	ug/L	100
34) Trichloroethene	5.844	95	10474	1.288	ug/L	96
35) Methylcyclohexane	6.053	83	16702	1.665	ug/L	97
37) 1,2-Dichloropropane	6.101	63	10664	1.335	ug/L	98
38) Bromodichloromethane	6.442	83	12307	1.182	ug/L	99
39) cis-1,3-Dichloropropene	6.966	75	13785	1.374	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	65173	14.664	ug/L	99
42) Toluene	7.323	91	41550	1.445	ug/L	96
44) trans-1,3-Dichloropropene	7.593	75	11915	1.373	ug/L	100

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45) 1,1,2-Trichloroethane	7.780	97	7606	1.271	ug/L		97
47) Tetrachloroethene	7.912	164	8324	1.402	ug/L		97
48) 2-Hexanone	8.088	43	44332	13.074	ug/L		97
49) Dibromochloromethane	8.185	129	7534	1.140	ug/L		97
50) 1,2-Dibromoethane	8.291	107	7115	1.293	ug/L		93
51) Chlorobenzene	8.818	112	26833	1.370	ug/L		97
52) Ethylbenzene	8.953	91	46686	1.556	ug/L		99
53) m,p-Xylene	9.079	106	16963	1.549	ug/L		93
54) o-Xylene	9.484	106	16519	1.587	ug/L		95
55) Styrene	9.503	104	26090	1.398	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.185	83	7889	1.280	ug/L	#	91
59) Bromoform	9.674	173	3903	1.130	ug/L	#	98
60) Isopropylbenzene	9.873	105	44345	1.651	ug/L		99
61) 1,2,3-Trichloropropane	10.217	75	6366	1.296	ug/L		97
62) 1,3,5-Trimethylbenzene	10.481	105	35131	1.599	ug/L		99
63) 1,2,4-Trimethylbenzene	10.857	105	34411	1.562	ug/L		98
64) 1,3-Dichlorobenzene	11.124	146	21449	1.474	ug/L		98
65) 1,4-Dichlorobenzene	11.214	146	21091	1.436	ug/L		99
67) 1,2-Dichlorobenzene	11.583	146	19437	1.416	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.374	75	1220	1.292	ug/L	#	85
69) 1,3,5-Trichlorobenzene	12.587	180	15324	1.457	ug/L		100
70) 1,2,4-trichlorobenzene	13.204	180	13702	1.511	ug/L		98
71) Naphthalene	13.445	128	22364	1.627	ug/L		98
72) 1,2,3-Trichlorobenzene	13.683	180	11104	1.377	ug/L		98

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

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