Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033586.D
Acq On : 12 Jan 2024 10:54
Operator : SY/MD
Sample : VSTD00530
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 23:07:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:05:58 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005230

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	145964	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	134788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39427	4.446	ug/L	0.00
7) Chloroethane-d5	1.535	69	35121	4.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	17720	4.450	ug/L	0.00
20) 2-Butanone-d5	3.834	46	94982	42.841	ug/L	0.00
24) Chloroform-d	4.252	84	85940	4.680	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	38238	4.601	ug/L	0.00
32) Benzene-d6	4.963	84	161200	4.770	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	51520	4.827	ug/L	0.00
41) Toluene-d8	7.243	98	143584	4.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	17942	4.223	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	71802	42.715	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	30853	4.337	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	49507	4.625	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	67085	5.171	ug/L	100
3) Chloromethane	1.217	50	79243	5.545	ug/L	100
5) Vinyl chloride	1.285	62	74731	5.442	ug/L	100
6) Bromomethane	1.490	94	37215	4.923	ug/L	100
8) Chloroethane	1.552	64	45273	5.366	ug/L	100
9) Trichlorofluoromethane	1.716	101	93263	5.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	52923	5.263	ug/L	100
12) 1,1-Dichloroethene	2.072	96	49874	5.398	ug/L	100
13) Acetone	2.156	43	70466m	37.458	ug/L	
14) Carbon disulfide	2.243	76	188110	6.378	ug/L	100
15) Methyl Acetate	2.391	43	19516	3.855	ug/L	100
16) Methylene chloride	2.449	84	57808	5.045	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	114980	4.637	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	57366	5.561	ug/L	100
19) 1,1-Dichloroethane	3.114	63	115551	5.207	ug/L	100
21) 2-Butanone	3.908	43	99064	39.077	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	60597	5.239	ug/L	100
23) Bromochloromethane	4.153	128	22243	5.024	ug/L	100
25) Chloroform	4.278	83	106512	5.161	ug/L	100
27) 1,2-Dichloroethane	5.047	62	59521	4.978	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	94332	5.183	ug/L	100
30) Cyclohexane	4.584	56	113245	5.682	ug/L	100
31) Carbon tetrachloride	4.735	117	80395	5.372	ug/L	100
33) Benzene	5.011	78	240242	5.408	ug/L	100
34) Trichloroethene	5.834	95	62503	5.254	ug/L	100
35) Methylcyclohexane	6.050	83	107079	5.577	ug/L	100
37) 1,2-Dichloropropane	6.095	63	59742	5.132	ug/L	100
38) Bromodichloromethane	6.432	83	71268	4.993	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	85214	4.916	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	267635	43.895	ug/L	100
42) Toluene	7.317	91	253228	5.344	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	66316	4.918	ug/L	100

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45) 1,1,2-Trichloroethane	7.770	97	32461	4.685	ug/L	100
47) Tetrachloroethene	7.905	164	45928	5.451	ug/L	100
48) 2-Hexanone	8.079	43	183958	41.153	ug/L	100
49) Dibromochloromethane	8.175	129	40340	4.940	ug/L	100
50) 1,2-Dibromoethane	8.284	107	30060	4.671	ug/L	100
51) Chlorobenzene	8.815	112	152303	5.171	ug/L	100
52) Ethylbenzene	8.947	91	292160	5.267	ug/L	100
53) m,p-Xylene	9.072	106	107428	5.247	ug/L	100
54) o-Xylene	9.477	106	104826	5.246	ug/L	100
55) Styrene	9.497	104	166868	5.057	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	35401	4.631	ug/L	100
59) Bromoform	9.667	173	20652	4.885	ug/L	100
60) Isopropylbenzene	9.866	105	267174	4.974	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	27330	4.872	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	235169	5.168	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	236547	5.244	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	118626	5.146	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	113552	4.861	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	100148	4.963	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	6027	4.648	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	89703	5.062	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	71097	4.807	ug/L	100
71) Naphthalene	13.442	128	88619	4.332	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	54957	4.741	ug/L	100

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

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