Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034922.D
Acq On : 02 Apr 2024 09:45
Operator : SY/MD
Sample : VSTD00548
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 03 04:47:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 04:45:52 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005248

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183558	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	182486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81387	5.380	ug/L	0.00
7) Chloroethane-d5	1.532	69	65860	5.280	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	35619	5.184	ug/L	0.00
20) 2-Butanone-d5	3.838	46	122937m	51.928	ug/L	0.00
24) Chloroform-d	4.252	84	128245	5.239	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	57632	5.214	ug/L	0.00
32) Benzene-d6	4.960	84	254978	5.341	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	75334	5.377	ug/L	0.00
41) Toluene-d8	7.243	98	234767	5.414	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	26692	5.363	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	91931	53.818	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	52622	5.383	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	73885	5.067	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	71865	5.087	ug/L	100
3) Chloromethane	1.214	50	89763	5.239	ug/L	100
5) Vinyl chloride	1.281	62	95308	5.201	ug/L	100
6) Bromomethane	1.487	94	52737	5.041	ug/L	100
8) Chloroethane	1.548	64	60985	5.177	ug/L	100
9) Trichlorofluoromethane	1.712	101	126296	5.185	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	76510	5.127	ug/L	100
12) 1,1-Dichloroethene	2.069	96	71922	5.161	ug/L	100
13) Acetone	2.159	43	85103m	49.288	ug/L	
14) Carbon disulfide	2.240	76	210996	5.082	ug/L	100
15) Methyl Acetate	2.394	43	25227	5.293	ug/L	100
16) Methylene chloride	2.449	84	75736	4.954	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	154359	5.144	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	70897	5.132	ug/L	100
19) 1,1-Dichloroethane	3.111	63	140983	5.173	ug/L	100
21) 2-Butanone	3.912	43	148016m	53.088	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	74648	5.160	ug/L	100
23) Bromochloromethane	4.149	128	31375	5.165	ug/L	100
25) Chloroform	4.278	83	140069	5.175	ug/L	100
27) 1,2-Dichloroethane	5.047	62	78794	5.173	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	113248	5.063	ug/L	100
30) Cyclohexane	4.580	56	106362	5.163	ug/L	100
31) Carbon tetrachloride	4.735	117	99337	5.190	ug/L	100
33) Benzene	5.011	78	295881	5.296	ug/L	100
34) Trichloroethene	5.834	95	73966	5.082	ug/L	100
35) Methylcyclohexane	6.047	83	112362	5.068	ug/L	100
37) 1,2-Dichloropropane	6.095	63	73272	5.058	ug/L	100
38) Bromodichloromethane	6.432	83	95249	5.212	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	102686	5.277	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	349440	56.409	ug/L	100
42) Toluene	7.317	91	313656	5.341	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	84968	5.268	ug/L	100

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45) 1,1,2-Trichloroethane	7.770	97	50207	5.275	ug/L	100
47) Tetrachloroethene	7.905	164	56416	5.159	ug/L	100
48) 2-Hexanone	8.079	43	263783	54.562	ug/L	100
49) Dibromochloromethane	8.175	129	58287	5.203	ug/L	100
50) 1,2-Dibromoethane	8.284	107	47342	5.283	ug/L	100
51) Chlorobenzene	8.812	112	195957	5.165	ug/L	100
52) Ethylbenzene	8.947	91	332529	5.242	ug/L	100
53) m,p-Xylene	9.072	106	121690	5.225	ug/L	100
54) o-Xylene	9.477	106	122298	5.351	ug/L	100
55) Styrene	9.497	104	201806	5.492	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	59508	5.231	ug/L	100
59) Bromoform	9.667	173	30034	5.219	ug/L	100
60) Isopropylbenzene	9.866	105	303724	5.249	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	44512	5.151	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	243323	5.119	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	253946	5.266	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	153370	5.194	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	148844	5.033	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	139434	5.111	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	9096	5.120	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	110409	4.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	87418	5.076	ug/L	100
71) Naphthalene	13.438	128	117618	4.859	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	78297	5.169	ug/L	100

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

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