Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
Data File : VV038015.D
Acq On : 12 Nov 2024 12:25
Operator : SY/MD
Sample : VSTD00110
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 13 00:00:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 12 23:59:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD001210

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/13/2024
Supervised By :Semsettin Yesilyurt 11/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	291997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	298880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	152944	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	25089	0.987	ug/L	0.00
7) Chloroethane-d5	1.529	69	21479	1.037	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	11339	1.018	ug/L	0.00
20) 2-Butanone-d5	3.844	46	48996m	8.838	ug/L	0.03
24) Chloroform-d	4.246	84	46372	0.968	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	20650	0.908	ug/L	0.01
32) Benzene-d6	4.957	84	84308	0.913	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	26621m	0.891	ug/L	0.00
41) Toluene-d8	7.239	98	75773	0.897	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10156m	0.911	ug/L	0.02
46) 2-Hexanone-d5	8.030	63	39048m	7.721	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.146	84	21147	0.884	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	29654	0.932	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	32488	1.020	ug/L	97
3) Chloromethane	1.214	50	30438	1.031	ug/L	97
5) Vinyl chloride	1.278	62	29107	0.982	ug/L	97
6) Bromomethane	1.484	94	18230	0.966	ug/L	98
8) Chloroethane	1.545	64	18145	1.010	ug/L	97
9) Trichlorofluoromethane	1.709	101	41553	1.014	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	23931	1.012	ug/L	99
12) 1,1-Dichloroethene	2.063	96	22925	1.033	ug/L	92
13) Acetone	2.140	43	41355	9.933	ug/L	98
14) Carbon disulfide	2.233	76	69660	0.957	ug/L	99
15) Methyl Acetate	2.397	43	9518m	1.116	ug/L	
16) Methylene chloride	2.442	84	25635	0.975	ug/L	96
17) Methyl tert-butyl Ether	2.699	73	49372	0.913	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	23372	0.973	ug/L	97
19) 1,1-Dichloroethane	3.108	63	43691	1.012	ug/L	94
21) 2-Butanone	3.915	43	51628m	10.005	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	23618	0.936	ug/L	97
23) Bromochloromethane	4.149	128	10998	0.949	ug/L	95
25) Chloroform	4.275	83	45413	0.997	ug/L	95
27) 1,2-Dichloroethane	5.047	62	23274	0.908	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	40392	1.001	ug/L	97
30) Cyclohexane	4.571	56	31913	0.893	ug/L	98
31) Carbon tetrachloride	4.728	117	33760	0.961	ug/L	99
33) Benzene	5.008	78	92479	0.973	ug/L	100
34) Trichloroethene	5.834	95	24420	0.940	ug/L	98
35) Methylcyclohexane	6.040	83	35003	0.892	ug/L	98
37) 1,2-Dichloropropane	6.092	63	21538	0.916	ug/L	100
38) Bromodichloromethane	6.432	83	30014	0.961	ug/L	92
39) cis-1,3-Dichloropropene	6.960	75	28979	0.827	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	110997m	8.681	ug/L	
42) Toluene	7.313	91	92320	0.930	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	25450m	0.870	ug/L	

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45) 1,1,2-Trichloroethane	7.770	97	18303	0.970 ug/L	97
47) Tetrachloroethene	7.899	164	20659	1.013 ug/L	95
48) 2-Hexanone	8.079	43	83326m	9.488 ug/L	
49) Dibromochloromethane	8.172	129	17804	0.876 ug/L	96
50) 1,2-Dibromoethane	8.284	107	16612	0.928 ug/L	95
51) Chlorobenzene	8.812	112	64424	0.952 ug/L	97
52) Ethylbenzene	8.943	91	98132	0.910 ug/L	97
53) m,p-Xylene	9.069	106	34263	0.843 ug/L	95
54) o-Xylene	9.474	106	34251	0.870 ug/L	97
55) Styrene	9.497	104	55873	0.815 ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.172	83	20586	0.914 ug/L	98
59) Bromoform	9.661	173	8651	0.860 ug/L	98
60) Isopropylbenzene	9.860	105	91558	0.897 ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	13782	0.922 ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	69199	0.847 ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	68660	0.839 ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	50401	0.958 ug/L	95
65) 1,4-Dichlorobenzene	11.204	146	52711	0.974 ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	47223	0.960 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	3177	0.938 ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	36964	0.955 ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	31676	0.922 ug/L	99
71) Naphthalene	13.438	128	52244	0.835 ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	29615	0.913 ug/L	96

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

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