Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
Data File : VU061613.D
Acq On : 13 Nov 2024 08:42
Operator : MD/SY
Sample : VSTD0.536
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 00:03:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 14 00:03:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5036

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/14/2024
Supervised By :Mahesh Dadoda 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	195642	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	183344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	6262	0.495	ug/L	0.00
7) Chloroethane-d5	1.911	69	5309	0.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2791	0.492	ug/L	0.00
20) 2-Butanone-d5	4.660	46	11888m	4.508	ug/L	0.03
24) Chloroform-d	5.055	84	11881	0.473	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	5558	0.461	ug/L	0.00
32) Benzene-d6	5.724	84	23947	0.472	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	6814	0.455	ug/L	0.00
41) Toluene-d8	7.894	98	21385	0.452	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	2306	0.418	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	8145m	3.760	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5262	0.446	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6959	0.474	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	6608	0.454	ug/L	100
3) Chloromethane	1.518	50	6268	0.475	ug/L	87
5) Vinyl chloride	1.602	62	6656	0.457	ug/L	94
6) Bromomethane	1.856	94	3649	0.420	ug/L	97
8) Chloroethane	1.930	64	4914	0.487	ug/L	96
9) Trichlorofluoromethane	2.136	101	9677	0.452	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5983	0.473	ug/L	97
12) 1,1-Dichloroethene	2.576	96	5284	0.447	ug/L	97
13) Acetone	2.650	43	8179	4.839	ug/L	98
14) Carbon disulfide	2.789	76	18040	0.476	ug/L	97
15) Methyl Acetate	2.969	43	1995	0.472	ug/L #	64
16) Methylene chloride	3.039	84	6506	0.478	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	12314	0.425	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	5805	0.448	ug/L	98
19) 1,1-Dichloroethane	3.866	63	10675	0.452	ug/L	98
21) 2-Butanone	4.731	43	11621m	4.366	ug/L	
22) cis-1,2-Dichloroethene	4.669	96	6406	0.438	ug/L	97
23) Bromochloromethane	4.972	128	2924	0.451	ug/L #	95
25) Chloroform	5.078	83	10562	0.424	ug/L	97
27) 1,2-Dichloroethane	5.792	62	6764	0.433	ug/L #	74
29) 1,1,1-Trichloroethane	5.309	97	9143	0.438	ug/L	93
30) Cyclohexane	5.380	56	9176	0.440	ug/L	98
31) Carbon tetrachloride	5.518	117	7790	0.438	ug/L	98
33) Benzene	5.769	78	24623	0.444	ug/L	100
34) Trichloroethene	6.538	95	6688	0.446	ug/L	95
35) Methylcyclohexane	6.756	83	9603	0.425	ug/L	98
37) 1,2-Dichloropropane	6.785	63	6287	0.447	ug/L #	93
38) Bromodichloromethane	7.100	83	7338	0.434	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	8142	0.406	ug/L	99
40) 4-Methyl-2-pentanone	7.792	43	27229	4.034	ug/L	99
42) Toluene	7.965	91	25440	0.426	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	6212	0.391	ug/L	95

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 14 00:03:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	4430	0.432 ug/L	93
47) Tetrachloroethene	8.550	164	5218	0.463 ug/L	92
48) 2-Hexanone	8.689	43	19862m	4.150 ug/L	
49) Dibromochloromethane	8.804	129	4238	0.394 ug/L	95
50) 1,2-Dibromoethane	8.917	107	4129	0.427 ug/L #	95
51) Chlorobenzene	9.444	112	17299	0.450 ug/L	95
52) Ethylbenzene	9.566	91	25568	0.402 ug/L	92
53) m,p-Xylene	9.692	106	9768	0.401 ug/L	88
54) o-Xylene	10.097	106	9285	0.392 ug/L	88
55) Styrene	10.113	104	13774	0.366 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	5571	0.446 ug/L #	97
59) Bromoform	10.283	173	2420	0.443 ug/L #	91
60) Isopropylbenzene	10.480	105	24243	0.424 ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	3634	0.468 ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	18806	0.411 ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	17466	0.392 ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	11691	0.446 ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	12238	0.460 ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	10708	0.439 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	497	0.366 ug/L #	75
69) 1,3,5-Trichlorobenzene	13.219	180	7541	0.412 ug/L	94
70) 1,2,4-trichlorobenzene	13.843	180	5553	0.391 ug/L	94
71) Naphthalene	14.097	128	6941m	0.352 ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	4517	0.379 ug/L	98

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

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