Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 01:10:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 01:09:32 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5018

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.245	114	158480	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.412	117	163098	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70864	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.596	65	6710	0.575	ug/L		0.00
7) Chloroethane-d5	1.911	69	4576	0.432	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.560	65	2250	0.478	ug/L		0.00
20) 2-Butanone-d5	4.682	46	9830m	4.289	ug/L		0.05
24) Chloroform-d	5.055	84	10013	0.444	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.708	65	4648	0.429	ug/L		0.01
32) Benzene-d6	5.727	84	19043	0.427	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.682	67	6223	0.450	ug/L		0.00
41) Toluene-d8	7.894	98	15727	0.377	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.184	79	2006	0.449	ug/L		0.00
46) 2-Hexanone-d5	8.637	63	6000m	3.289	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4663	0.411	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5752	0.459	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.383	85	5839	0.439	ug/L		95
3) Chloromethane	1.518	50	6706	0.478	ug/L		96
5) Vinyl chloride	1.602	62	6954	0.447	ug/L		95
6) Bromomethane	1.856	94	4444	0.412	ug/L		100
8) Chloroethane	1.933	64	4106	0.440	ug/L		100
9) Trichlorofluoromethane	2.136	101	9520	0.496	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5221	0.432	ug/L		98
12) 1,1-Dichloroethene	2.573	96	4894	0.442	ug/L		87
13) Acetone	2.660	43	7744m	5.151	ug/L		
14) Carbon disulfide	2.792	76	13939	0.390	ug/L		98
15) Methyl Acetate	2.969	43	1812m	0.477	ug/L		
16) Methylene chloride	3.039	84	5504	0.418	ug/L		88
17) Methyl tert-butyl Ether	3.358	73	10294	0.427	ug/L		98
18) trans-1,2-Dichloroethene	3.351	96	5198	0.457	ug/L		88
19) 1,1-Dichloroethane	3.869	63	10515	0.490	ug/L		92
21) 2-Butanone	4.740	43	11258m	4.738	ug/L		
22) cis-1,2-Dichloroethene	4.666	96	4971	0.393	ug/L		92
23) Bromochloromethane	4.978	128	2597	0.448	ug/L		88
25) Chloroform	5.084	83	11015	0.489	ug/L		95
27) 1,2-Dichloroethane	5.792	62	6420	0.475	ug/L		99
29) 1,1,1-Trichloroethane	5.309	97	8871	0.475	ug/L		99
30) Cyclohexane	5.386	56	6132	0.379	ug/L		95
31) Carbon tetrachloride	5.522	117	7664	0.483	ug/L		97
33) Benzene	5.772	78	20739	0.425	ug/L		100
34) Trichloroethene	6.541	95	5549	0.421	ug/L		83
35) Methylcyclohexane	6.753	83	6805	0.367	ug/L		94
37) 1,2-Dichloropropane	6.788	63	5847	0.459	ug/L	#	93
38) Bromodichloromethane	7.103	83	7492	0.473	ug/L		98
39) cis-1,3-Dichloropropene	7.608	75	6806	0.393	ug/L		100
40) 4-Methyl-2-pentanone	7.792	43	24518m	4.134	ug/L		
42) Toluene	7.968	91	18835	0.364	ug/L		95
44) trans-1,3-Dichloropropene	8.210	75	5564	0.398	ug/L		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,1,2-Trichloroethane	8.402	97	4364	0.469	ug/L		89
47)	Tetrachloroethene	8.550	164	4258	0.417	ug/L		94
48)	2-Hexanone	8.689	43	16616m	3.912	ug/L		
49)	Dibromochloromethane	8.804	129	4921	0.472	ug/L		80
50)	1,2-Dibromoethane	8.923	107	3769	0.437	ug/L	#	82
51)	Chlorobenzene	9.441	112	14893	0.453	ug/L		95
52)	Ethylbenzene	9.570	91	20346	0.384	ug/L		87
53)	m,p-Xylene	9.689	106	6946	0.341	ug/L		97
54)	o-Xylene	10.097	106	7323	0.377	ug/L		89
55)	Styrene	10.113	104	12131	0.370	ug/L		94
57)	1,1,2,2-Tetrachloroethane	10.779	83	5471	0.479	ug/L		91
59)	Bromoform	10.283	173	2830	0.526	ug/L	#	91
60)	Isopropylbenzene	10.480	105	18359	0.424	ug/L		99
61)	1,2,3-Trichloropropane	10.820	75	3750	0.581	ug/L		95
62)	1,3,5-Trimethylbenzene	11.081	105	13792	0.405	ug/L		100
63)	1,2,4-Trimethylbenzene	11.463	105	13039	0.397	ug/L		98
64)	1,3-Dichlorobenzene	11.743	146	9694	0.437	ug/L		95
65)	1,4-Dichlorobenzene	11.833	146	10887	0.480	ug/L		98
67)	1,2-Dichlorobenzene	12.206	146	9410	0.452	ug/L		92
68)	1,2-Dibromo-3-chloropr...	13.007	75	632	0.495	ug/L	#	51
69)	1,3,5-Trichlorobenzene	13.222	180	7584	0.463	ug/L		95
70)	1,2,4-trichlorobenzene	13.843	180	4673	0.378	ug/L		92
71)	Naphthalene	14.106	128	5336m	0.306	ug/L		
72)	1,2,3-Trichlorobenzene	14.331	180	3589	0.315	ug/L		93

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

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