Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061858.D
Acq On : 20 Nov 2024 10:56
Operator : MD/SY
Sample : VSTD0.549
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 21 00:30:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5049

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	167935	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	187875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3973	0.356	ug/L	0.00
7) Chloroethane-d5	1.888	69	3529	0.409	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.554	65	1704	0.347	ug/L	0.00
20) 2-Butanone-d5	4.640	46	11106m	3.963	ug/L	0.03
24) Chloroform-d	5.055	84	9181	0.440	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	4805	0.440	ug/L	0.00
32) Benzene-d6	5.721	84	15270	0.322	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5432	0.345	ug/L	0.00
41) Toluene-d8	7.894	98	12607	0.289	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1968	0.299	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7797m	2.856	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.749	84	5015	0.402	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5994	0.558	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	6987	0.747	ug/L	96
3) Chloromethane	1.515	50	8763	0.709	ug/L	97
5) Vinyl chloride	1.599	62	7485	0.600	ug/L	90
6) Bromomethane	1.827	94	4353	0.636	ug/L	95
8) Chloroethane	1.911	64	4219	0.558	ug/L	99
9) Trichlorofluoromethane	2.123	101	9261	0.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	5485	0.529	ug/L	99
12) 1,1-Dichloroethene	2.566	96	5464	0.549	ug/L	97
13) Acetone	2.621	43	8797	4.839	ug/L	100
14) Carbon disulfide	2.779	76	16825	0.508	ug/L	100
15) Methyl Acetate	2.952	43	2358	0.527	ug/L #	79
16) Methylene chloride	3.036	84	7874	0.692	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	12469	0.451	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	5314	0.493	ug/L	90
19) 1,1-Dichloroethane	3.859	63	10854	0.518	ug/L	97
21) 2-Butanone	4.711	43	14222m	4.811	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	5857	0.487	ug/L	98
23) Bromochloromethane	4.971	128	2444	0.494	ug/L	88
25) Chloroform	5.081	83	11359	0.534	ug/L	99
27) 1,2-Dichloroethane	5.795	62	7401	0.534	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	9144	0.415	ug/L	95
30) Cyclohexane	5.377	56	9448	0.391	ug/L	99
31) Carbon tetrachloride	5.512	117	7355	0.396	ug/L	97
33) Benzene	5.769	78	23333	0.416	ug/L	100
34) Trichloroethene	6.541	95	6475	0.425	ug/L	94
35) Methylcyclohexane	6.750	83	9391	0.388	ug/L	98
37) 1,2-Dichloropropane	6.782	63	6018	0.410	ug/L #	89
38) Bromodichloromethane	7.097	83	7013	0.382	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	8019	0.356	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	34011m	3.748	ug/L	
42) Toluene	7.962	91	26727	0.446	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	6499	0.351	ug/L	90

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	5222	0.521 ug/L	98
47) Tetrachloroethene	8.547	164	5240	0.522 ug/L	95
48) 2-Hexanone	8.682	43	27262m	4.331 ug/L	
49) Dibromochloromethane	8.801	129	4036	0.359 ug/L	84
50) 1,2-Dibromoethane	8.920	107	3972	0.425 ug/L #	89
51) Chlorobenzene	9.441	112	19434	0.533 ug/L	99
52) Ethylbenzene	9.563	91	27753	0.414 ug/L	98
53) m,p-Xylene	9.688	106	9659	0.393 ug/L	98
54) o-Xylene	10.097	106	9625	0.400 ug/L	88
55) Styrene	10.113	104	14527m	0.372 ug/L	
57) 1,1,2,2-Tetrachloroethane	10.778	83	5670	0.438 ug/L	100
59) Bromoform	10.286	173	2133	0.443 ug/L #	87
60) Isopropylbenzene	10.479	105	24998	0.519 ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	3930	0.559 ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	19720	0.472 ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	19783	0.480 ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	12283	0.595 ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	12700	0.623 ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	11865	0.647 ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	685	0.480 ug/L #	82
69) 1,3,5-Trichlorobenzene	13.219	180	8579	0.625 ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	6976	0.663 ug/L	95
71) Naphthalene	14.093	128	14099	0.836 ug/L	95
72) 1,2,3-Trichlorobenzene	14.328	180	6568	0.748 ug/L	98

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

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