Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
Data File : VU058765.D
Acq On : 22 Apr 2024 12:26
Operator : MD/SY
Sample : VSTD00558
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005058

Quant Time: Apr 22 23:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 22 23:37:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	92099	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	39613	5.771	ug/L	0.00
7) Chloroethane-d5	1.904	69	29460	5.103	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	19906	6.235	ug/L	0.00
20) 2-Butanone-d5	4.627	46	72749	51.912	ug/L	0.00
24) Chloroform-d	5.052	84	83053	6.016	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	40958	6.257	ug/L	0.00
32) Benzene-d6	5.717	84	158046	6.028	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	46102	5.678	ug/L	0.00
41) Toluene-d8	7.891	98	142745	6.109	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	17493	6.666	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	51660	51.126	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	28760	5.089	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	41628	5.161	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	57091	6.438	ug/L	100
3) Chloromethane	1.512	50	44501	4.506	ug/L	100
5) Vinyl chloride	1.595	62	44574	4.514	ug/L	100
6) Bromomethane	1.849	94	26553	5.413	ug/L	100
8) Chloroethane	1.927	64	25134	4.091	ug/L	100
9) Trichlorofluoromethane	2.132	101	70139	5.219	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	42694	5.317	ug/L	100
12) 1,1-Dichloroethene	2.573	96	37241	5.228	ug/L	100
13) Acetone	2.647	43	51729	44.868	ug/L	100
14) Carbon disulfide	2.785	76	128446	5.570	ug/L	100
15) Methyl Acetate	2.952	43	12337	4.559	ug/L	100
16) Methylene chloride	3.033	84	40920	4.482	ug/L	100
17) Methyl tert-butyl Ether	3.348	73	86397	5.165	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	38750	5.233	ug/L	100
19) 1,1-Dichloroethane	3.856	63	81607	5.060	ug/L	100
21) 2-Butanone	4.705	43	78437	45.483	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	41559	5.031	ug/L	100
23) Bromochloromethane	4.962	128	16810	5.161	ug/L	100
25) Chloroform	5.074	83	83659	5.310	ug/L	100
27) 1,2-Dichloroethane	5.782	62	49645	5.197	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	74484	5.786	ug/L	100
30) Cyclohexane	5.380	56	70714	5.320	ug/L	100
31) Carbon tetrachloride	5.515	117	65943	5.997	ug/L	100
33) Benzene	5.766	78	172933	5.132	ug/L	100
34) Trichloroethene	6.534	95	46222	5.364	ug/L	100
35) Methylcyclohexane	6.756	83	71093	5.493	ug/L	100
37) 1,2-Dichloropropane	6.782	63	44719	5.079	ug/L	100
38) Bromodichloromethane	7.097	83	55603	5.423	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	63453	5.525	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	202169	49.109	ug/L	100
42) Toluene	7.962	91	181089	5.124	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	48482	5.389	ug/L	100

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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	8.393	97	26762	5.180	ug/L	100
47) Tetrachloroethene	8.547	164	32924	5.246	ug/L	100
48) 2-Hexanone	8.679	43	142376	48.907	ug/L	100
49) Dibromochloromethane	8.801	129	31018	5.187	ug/L	100
50) 1,2-Dibromoethane	8.917	107	23823	5.034	ug/L	100
51) Chlorobenzene	9.441	112	107913	5.058	ug/L	100
52) Ethylbenzene	9.563	91	199703	5.298	ug/L	100
53) m,p-Xylene	9.685	106	72978	5.412	ug/L	100
54) o-Xylene	10.094	106	69183	5.264	ug/L	100
55) Styrene	10.106	104	115526	5.422	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	30046	4.776	ug/L	100
59) Bromoform	10.283	173	16733	5.364	ug/L	100
60) Isopropylbenzene	10.476	105	194149	5.603	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22265	4.788	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	160545	5.667	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	156494	5.472	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	81453	4.937	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	78805	4.894	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	71130	4.776	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	4576	5.592	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	59127	4.864	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	40066	4.301	ug/L	100
71) Naphthalene	14.080	128	44429	3.512	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	31842	4.161	ug/L	100

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

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