Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
Data File : VU061191.D
Acq On : 23 Oct 2024 10:48
Operator : MD/SY
Sample : VSTD01033
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010033

Quant Time: Oct 24 01:14:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 24 01:12:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	193007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	132816	10.130	ug/L	0.00
7) Chloroethane-d5	1.907	69	122755	10.213	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	57010	10.163	ug/L	0.00
20) 2-Butanone-d5	4.621	46	284733	108.259	ug/L	0.00
24) Chloroform-d	5.052	84	256944	10.325	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	128518	10.361	ug/L	0.00
32) Benzene-d6	5.717	84	519662	10.307	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	156931	10.353	ug/L	0.00
41) Toluene-d8	7.888	98	495055	10.501	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	67749	10.949	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	278595	109.932	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	120781	10.537	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	161472	10.678	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	130152	10.115	ug/L	100
3) Chloromethane	1.515	50	138410	10.200	ug/L	99
5) Vinyl chloride	1.599	62	151723	10.170	ug/L	98
6) Bromomethane	1.853	94	102754	10.394	ug/L	97
8) Chloroethane	1.930	64	113470	10.331	ug/L	100
9) Trichlorofluoromethane	2.132	101	210697	10.398	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	121272	10.079	ug/L	99
12) 1,1-Dichloroethene	2.573	96	119259	10.451	ug/L	96
13) Acetone	2.640	43	171352	101.633	ug/L	97
14) Carbon disulfide	2.785	76	388575	10.206	ug/L	99
15) Methyl Acetate	2.949	43	42085	10.079	ug/L	97
16) Methylene chloride	3.036	84	132849	9.880	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	325429	10.523	ug/L	99
18) trans-1,2-Dichloroethene	3.344	96	131184	10.397	ug/L	97
19) 1,1-Dichloroethane	3.859	63	246885	10.374	ug/L	99
21) 2-Butanone	4.701	43	290498	111.029	ug/L	100
22) cis-1,2-Dichloroethene	4.656	96	150344	10.431	ug/L	99
23) Bromochloromethane	4.965	128	64211	10.588	ug/L	96
25) Chloroform	5.078	83	256859	10.265	ug/L	99
27) 1,2-Dichloroethane	5.785	62	162315	10.265	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	223507	10.200	ug/L	99
30) Cyclohexane	5.380	56	220526	10.034	ug/L	100
31) Carbon tetrachloride	5.515	117	192081	10.245	ug/L	98
33) Benzene	5.766	78	572651	10.348	ug/L	100
34) Trichloroethene	6.534	95	154702	10.277	ug/L	99
35) Methylcyclohexane	6.753	83	241470	10.078	ug/L	99
37) 1,2-Dichloropropane	6.782	63	147208	10.495	ug/L	99
38) Bromodichloromethane	7.097	83	186860	10.526	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	234765	10.836	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	745869	106.841	ug/L	99
42) Toluene	7.958	91	622157	10.353	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	190006	10.764	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	105479	10.449	ug/L	98
47) Tetrachloroethene	8.544	164	110203	10.482	ug/L	99
48) 2-Hexanone	8.675	43	538751	109.133	ug/L	100
49) Dibromochloromethane	8.801	129	122062	10.661	ug/L	94
50) 1,2-Dibromoethane	8.913	107	101189	10.319	ug/L	94
51) Chlorobenzene	9.437	112	397305	10.460	ug/L	99
52) Ethylbenzene	9.563	91	697783	10.556	ug/L	99
53) m,p-Xylene	9.685	106	267311	10.615	ug/L	98
54) o-Xylene	10.090	106	260941	10.499	ug/L	96
55) Styrene	10.106	104	430266	10.799	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	128246	10.544	ug/L	99
59) Bromoform	10.283	173	68039	10.764	ug/L	99
60) Isopropylbenzene	10.476	105	685739	10.512	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	89132	10.478	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	572236	10.775	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	564078	10.745	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	295019	10.745	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	292285	10.443	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	270656	10.474	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	19736	11.049	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	206801	10.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	172915	11.385	ug/L	99
71) Naphthalene	14.077	128	287660	12.158	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	147074	11.575	ug/L	100

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

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