Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
Data File : VV037924.D
Acq On : 06 Nov 2024 12:05
Operator : SY/MD
Sample : VSTD02007
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD020207

Quant Time: Nov 06 21:28:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:26:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	371402	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	362687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	200862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	495903	17.444	ug/L	0.00
7) Chloroethane-d5	1.529	69	394808	17.040	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	212923	17.259	ug/L	0.00
20) 2-Butanone-d5	3.786	46	1060619	216.286	ug/L	-0.01
24) Chloroform-d	4.240	84	936105	18.064	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	430212	18.126	ug/L	0.00
32) Benzene-d6	4.950	84	1842291	19.696	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	549213	18.462	ug/L	0.00
41) Toluene-d8	7.233	98	1730795	20.590	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	222613	21.793	ug/L	0.00
46) 2-Hexanone-d5	8.015	63	998673	251.449	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	415083	18.849	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	636173	19.202	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	661073	17.831	ug/L	99
3) Chloromethane	1.214	50	602218	17.263	ug/L	100
5) Vinyl chloride	1.282	62	627456	18.074	ug/L	99
6) Bromomethane	1.487	94	357296	18.193	ug/L	99
8) Chloroethane	1.549	64	365082	17.676	ug/L	99
9) Trichlorofluoromethane	1.709	101	865582	17.946	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	492591	17.844	ug/L	99
12) 1,1-Dichloroethene	2.063	96	457256	18.025	ug/L	95
13) Acetone	2.130	43	679293	180.611	ug/L	99
14) Carbon disulfide	2.233	76	1584057	18.404	ug/L	100
15) Methyl Acetate	2.378	43	174365	19.586	ug/L	100
16) Methylene chloride	2.442	84	514842	17.384	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	1146593	20.211	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	514851	18.788	ug/L	98
19) 1,1-Dichloroethane	3.105	63	913625	18.353	ug/L	99
21) 2-Butanone	3.867	43	1102244	214.044	ug/L	95
22) cis-1,2-Dichloroethene	3.802	96	565701	19.592	ug/L	98
23) Bromochloromethane	4.137	128	244766	18.774	ug/L	96
25) Chloroform	4.265	83	952695	18.217	ug/L	99
27) 1,2-Dichloroethane	5.031	62	550859	19.012	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	841420	19.406	ug/L	99
30) Cyclohexane	4.574	56	834360	21.719	ug/L	99
31) Carbon tetrachloride	4.725	117	741388	19.485	ug/L	100
33) Benzene	5.002	78	2036511	20.434	ug/L	100
34) Trichloroethene	5.825	95	554741	20.100	ug/L	99
35) Methylcyclohexane	6.040	83	891858	21.681	ug/L	98
37) 1,2-Dichloropropane	6.085	63	514802	20.666	ug/L	99
38) Bromodichloromethane	6.423	83	665224	20.129	ug/L	97
39) cis-1,3-Dichloropropene	6.944	75	823445	23.290	ug/L	98
40) 4-Methyl-2-pentanone	7.150	43	2708627	220.539	ug/L	97
42) Toluene	7.307	91	2194619	20.809	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	659553	22.384	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	375247	19.663	ug/L	98
47) Tetrachloroethene	7.896	164	423585	19.745	ug/L	98
48) 2-Hexanone	8.066	43	1907401	222.915	ug/L	99
49) Dibromochloromethane	8.169	129	432766	20.079	ug/L	97
50) 1,2-Dibromoethane	8.275	107	357037	20.291	ug/L	98
51) Chlorobenzene	8.805	112	1440005	19.965	ug/L	99
52) Ethylbenzene	8.937	91	2462602	21.681	ug/L	99
53) m,p-Xylene	9.066	106	958591	22.122	ug/L	99
54) o-Xylene	9.471	106	923066	22.384	ug/L	99
55) Styrene	9.487	104	1607204	23.075	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	433933	19.824	ug/L	100
59) Bromoform	9.658	173	234229	20.012	ug/L	99
60) Isopropylbenzene	9.857	105	2505321	21.404	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	297203	18.922	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	2085868	22.665	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	2097721	23.104	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	1181846	19.943	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	1191466	19.468	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	1082888	19.760	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	69300	20.323	ug/L	94
69) 1,3,5-Trichlorobenzene	12.574	180	875959	20.942	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	764693	23.282	ug/L	99
71) Naphthalene	13.429	128	1190056	26.777	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	660603	23.330	ug/L	97

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

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