Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
Data File : VX038496.D
Acq On : 26 Oct 2023 04:16
Operator : JC/MD
Sample : VX1025WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Oct 26 06:14:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1025WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	187238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	301691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128665	42.723	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 85.440%			
35) Dibromofluoromethane	5.385	113	115701	53.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	8.647	98	395660	47.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.260%			
62) 4-Bromofluorobenzene	11.079	95	153649	48.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	35907	19.867	ug/l	98
3) Chloromethane	1.300	50	32413	17.596	ug/l	97
4) Vinyl Chloride	1.374	62	38212	18.710	ug/l	97
5) Bromomethane	1.605	94	44113	15.864	ug/l	97
6) Chloroethane	1.685	64	25877	17.203	ug/l	99
7) Trichlorofluoromethane	1.886	101	69894	17.326	ug/l	99
8) Diethyl Ether	2.136	74	26171	17.395	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	37655	21.381	ug/l	93
10) Methyl Iodide	2.453	142	50101	19.772	ug/l	91
11) Tert butyl alcohol	2.953	59	53496	72.599	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	35112	20.496	ug/l	86
13) Acrolein	2.233	56	38660	90.299	ug/l	97
14) Allyl chloride	2.666	41	51193	16.707	ug/l #	93
15) Acrylonitrile	3.062	53	129758	94.678	ug/l	99
16) Acetone	2.373	43	107480	85.513	ug/l	91
17) Carbon Disulfide	2.514	76	81724	16.552	ug/l	99
18) Methyl Acetate	2.703	43	110614	20.522	ug/l #	89
19) Methyl tert-butyl Ether	3.111	73	128530	18.839	ug/l	97
20) Methylene Chloride	2.788	84	45315	19.167	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	40200	18.953	ug/l	83
22) Diisopropyl ether	3.757	45	116005	18.064	ug/l	96
23) Vinyl Acetate	3.721	43	393865	83.633	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	71392	18.318	ug/l	99
25) 2-Butanone	4.556	43	174369	85.982	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	41034	13.486	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	47966	18.988	ug/l	84
28) Bromochloromethane	4.897	49	30755	17.481	ug/l #	71
29) Tetrahydrofuran	5.001	42	109977	83.295	ug/l #	84
30) Chloroform	5.092	83	81241	19.063	ug/l	99
31) Cyclohexane	5.470	56	52773	16.174	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	67879	18.595	ug/l	97
36) 1,1-Dichloropropene	5.696	75	52958	17.666	ug/l	95
37) Ethyl Acetate	4.715	43	62264	17.489	ug/l	95
38) Carbon Tetrachloride	5.678	117	58889	19.969	ug/l	97
39) Methylcyclohexane	7.379	83	60960	17.361	ug/l	91
40) Benzene	6.037	78	164889	19.666	ug/l	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32353	18.267 ug/l #	85
42) 1,2-Dichloroethane	6.086	62	61944	18.491 ug/l	97
43) Isopropyl Acetate	6.342	43	94884	17.853 ug/l #	95
44) Trichloroethene	7.129	130	47406	21.617 ug/l	96
45) 1,2-Dichloropropane	7.427	63	42260	19.474 ug/l	99
46) Dibromomethane	7.580	93	34045	20.228 ug/l	92
47) Bromodichloromethane	7.824	83	61362	20.494 ug/l	95
48) Methyl methacrylate	7.696	41	47215	18.609 ug/l #	85
49) 1,4-Dioxane	7.659	88	18701	299.109 ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	341328	93.108 ug/l	95
52) Toluene	8.720	92	107456	19.674 ug/l	93
53) t-1,3-Dichloropropene	8.982	75	57141	17.779 ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62312	18.454 ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	49514	21.195 ug/l	98
56) Ethyl methacrylate	9.116	69	67315	18.794 ug/l	91
57) 1,3-Dichloropropane	9.311	76	74467	19.709 ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	151734	86.302 ug/l	95
59) 2-Hexanone	9.427	43	273243	92.715 ug/l	94
60) Dibromochloromethane	9.519	129	50761	22.201 ug/l	99
61) 1,2-Dibromoethane	9.610	107	51978	20.575 ug/l	99
64) Tetrachloroethene	9.275	164	43184	22.745 ug/l	92
65) Chlorobenzene	10.079	112	123610	20.142 ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	46114	22.221 ug/l	100
67) Ethyl Benzene	10.195	91	211655	19.321 ug/l	98
68) m/p-Xylenes	10.299	106	166167	39.230 ug/l	95
69) o-Xylene	10.640	106	81239	19.651 ug/l	96
70) Styrene	10.652	104	136314	20.247 ug/l	94
71) Bromoform	10.799	173	38215	21.577 ug/l #	99
73) Isopropylbenzene	10.963	105	216127	19.793 ug/l	98
74) N-amyl acetate	10.841	43	83146	17.831 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	81434	20.324 ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	71548m	19.329 ug/l	
77) Bromobenzene	11.195	156	56666	21.256 ug/l	84
78) n-propylbenzene	11.305	91	251061	18.804 ug/l	99
79) 2-Chlorotoluene	11.366	91	147818	18.668 ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	182773	19.402 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17526	16.744 ug/l	95
82) 4-Chlorotoluene	11.457	91	173934	18.563 ug/l	95
83) tert-Butylbenzene	11.713	119	180133	19.569 ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	180681	19.236 ug/l	96
85) sec-Butylbenzene	11.890	105	227422	19.072 ug/l	99
86) p-Isopropyltoluene	12.012	119	191652	19.481 ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	107413	20.060 ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	109090	19.956 ug/l	98
89) n-Butylbenzene	12.329	91	165258	16.867 ug/l	96
90) Hexachloroethane	12.536	117	31014	19.014 ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	105630	20.523 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17890	18.467 ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	69184	20.041 ug/l	97
94) Hexachlorobutadiene	13.725	225	25580	18.410 ug/l	99
95) Naphthalene	13.774	128	226233	18.818 ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69012	20.646 ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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