Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
Data File : VX040842.D
Acq On : 01 Apr 2024 12:52
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 05:23:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 02 05:19:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	50712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	88159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	698	1.015	ug/l	92
3) Chloromethane	1.300	50	537	0.904	ug/l	90
4) Vinyl Chloride	1.373	62	607	0.990	ug/l #	78
6) Chloroethane	1.696	64	405	1.025	ug/l	89
7) Trichlorofluoromethane	1.885	101	1181	1.007	ug/l #	79
8) Diethyl Ether	2.135	74	400	1.055	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	625	1.033	ug/l	94
12) 1,1-Dichloroethene	2.318	96	552	0.973	ug/l #	88
14) Allyl chloride	2.666	41	900	0.886	ug/l #	79
15) Acrylonitrile	3.062	53	1719	4.905	ug/l	99
16) Acetone	2.379	43	2019	5.715	ug/l	95
17) Carbon Disulfide	2.513	76	1974	1.203	ug/l #	93
18) Methyl Acetate	2.702	43	759	0.905	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	2014	1.009	ug/l #	83
20) Methylene Chloride	2.788	84	825	1.260	ug/l #	81
21) trans-1,2-Dichloroethene	3.099	96	706	1.178	ug/l #	79
22) Diisopropyl ether	3.763	45	1817	0.919	ug/l	89
23) Vinyl Acetate	3.733	43	8698	4.588	ug/l	97
24) 1,1-Dichloroethane	3.611	63	1122	0.993	ug/l #	83
25) 2-Butanone	4.568	43	2595	4.944	ug/l	95
26) 2,2-Dichloropropane	4.483	77	894	0.922	ug/l #	70
27) cis-1,2-Dichloroethene	4.495	96	730	1.055	ug/l	98
28) Bromochloromethane	4.909	49	551	1.084	ug/l #	75
29) Tetrahydrofuran	5.013	42	1578	4.626	ug/l #	81
30) Chloroform	5.104	83	1184	0.963	ug/l #	67
32) 1,1,1-Trichloroethane	5.397	97	923	0.845	ug/l #	44
36) 1,1-Dichloropropene	5.684	75	917	1.034	ug/l #	65
37) Ethyl Acetate	4.733	43	1086	0.997	ug/l #	69
38) Carbon Tetrachloride	5.684	117	927	0.944	ug/l #	90
39) Methylcyclohexane	7.378	83	1120	1.056	ug/l	92
40) Benzene	6.031	78	2412	0.979	ug/l #	84
41) Methacrylonitrile	4.922	41	399m	0.713	ug/l	
42) 1,2-Dichloroethane	6.098	62	1069m	0.999	ug/l	
43) Isopropyl Acetate	6.348	43	1424	0.846	ug/l #	86
44) Trichloroethene	7.128	130	589	0.958	ug/l	98
45) 1,2-Dichloropropane	7.439	63	479	0.815	ug/l #	44

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/02/2024
Supervised By :Mahesh Dadoda 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	444	0.921	ug/l		99
47) Bromodichloromethane	7.830	83	957	0.955	ug/l	#	83
48) Methyl methacrylate	7.702	41	588	0.714	ug/l	#	87
49) 1,4-Dioxane	7.671	88	192	12.212	ug/l	#	62
51) 4-Methyl-2-Pentanone	8.573	43	4785	4.287	ug/l		97
52) Toluene	8.726	92	1491	0.960	ug/l		90
53) t-1,3-Dichloropropene	8.988	75	711	1.442	ug/l		89
54) cis-1,3-Dichloropropene	8.372	75	776	0.781	ug/l	#	78
55) 1,1,2-Trichloroethane	9.159	97	545	0.899	ug/l		94
56) Ethyl methacrylate	9.122	69	808	0.776	ug/l	#	78
57) 1,3-Dichloropropane	9.311	76	1041	0.982	ug/l		95
58) 2-Chloroethyl Vinyl ether	8.244	63	2249	4.455	ug/l		98
59) 2-Hexanone	9.433	43	3924	4.384	ug/l		88
60) Dibromochloromethane	9.524	129	634	0.876	ug/l		95
61) 1,2-Dibromoethane	9.616	107	564	0.862	ug/l		93
64) Tetrachloroethene	9.274	164	545	1.027	ug/l	#	89
65) Chlorobenzene	10.079	112	1895	1.081	ug/l	#	85
66) 1,1,1,2-Tetrachloroethane	10.164	131	546	0.938	ug/l	#	61
67) Ethyl Benzene	10.195	91	3070	0.982	ug/l		94
68) m/p-Xylenes	10.305	106	2196	1.930	ug/l		96
69) o-Xylene	10.640	106	953	0.889	ug/l		93
70) Styrene	10.658	104	1575	0.848	ug/l		89
71) Bromoform	10.805	173	365	1.206	ug/l	#	92
73) Isopropylbenzene	10.963	105	2726	0.974	ug/l		94
74) N-amyl acetate	10.847	43	1205	0.850	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.213	83	898	0.939	ug/l		96
76) 1,2,3-Trichloropropane	11.237	75	890m	1.042	ug/l		
77) Bromobenzene	11.195	156	646	0.984	ug/l		93
78) n-propylbenzene	11.305	91	3683	1.053	ug/l		92
79) 2-Chlorotoluene	11.365	91	2199	1.054	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	2152	0.900	ug/l		100
82) 4-Chlorotoluene	11.457	91	2440	0.979	ug/l		94
83) tert-Butylbenzene	11.713	119	2282	0.962	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	2164	0.899	ug/l		96
85) sec-Butylbenzene	11.890	105	2948	0.979	ug/l		94
86) p-Isopropyltoluene	12.012	119	2309	0.914	ug/l		86
87) 1,3-Dichlorobenzene	11.969	146	1446	1.090	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	1690m	1.200	ug/l		
89) n-Butylbenzene	12.335	91	2328	0.933	ug/l		98
90) Hexachloroethane	12.536	117	399	0.907	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	1419	1.091	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.938	75	180	0.732	ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	1037	1.150	ug/l		94
94) Hexachlorobutadiene	13.731	225	418	1.210	ug/l		92
95) Naphthalene	13.780	128	2693	0.928	ug/l		97
96) 1,2,3-Trichlorobenzene	13.963	180	934	1.086	ug/l		98

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

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