

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028623.D
 Acq On : 11 May 2022 16:13
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: May 12 05:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 05:37:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	298963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201935	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	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	3202	1.510	ug/l	95
3) Chloromethane	1.288	50	3049	1.623	ug/l	91
4) Vinyl Chloride	1.373	62	3356	1.471	ug/l #	88
6) Chloroethane	1.684	64	3749	1.967	ug/l #	77
7) Trichlorofluoromethane	1.885	101	5774	1.312	ug/l	100
8) Diethyl Ether	2.135	74	1987	1.186	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.324	101	3076	1.257	ug/l	98
12) 1,1-Dichloroethene	2.318	96	2693	1.288	ug/l	88
14) Allyl chloride	2.672	41	3560	1.189	ug/l	93
15) Acrylonitrile	3.062	53	7318	5.175	ug/l	98
16) Acetone	2.379	43	7553	6.179	ug/l	99
17) Carbon Disulfide	2.513	76	6089	1.760	ug/l	100
18) Methyl Acetate	2.708	43	3859	1.168	ug/l #	84
19) Methyl tert-butyl Ether	3.111	73	8419	1.030	ug/l #	89
20) Methylene Chloride	2.788	84	3723	1.387	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	3002	1.293	ug/l	88
22) Diisopropyl ether	3.757	45	7375	1.030	ug/l #	46
23) Vinyl Acetate	3.727	43	28960	4.928	ug/l	99
24) 1,1-Dichloroethane	3.611	63	4885	1.121	ug/l	98
25) 2-Butanone	4.562	43	10293	5.335	ug/l	91
26) 2,2-Dichloropropane	4.464	77	3425	1.012	ug/l	80
27) cis-1,2-Dichloroethene	4.495	96	3464	1.138	ug/l	68
28) Bromochloromethane	4.903	49	2118	1.067	ug/l #	90
29) Tetrahydrofuran	5.013	42	6899	5.687	ug/l	93
30) Chloroform	5.104	83	5527	1.091	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	4639	1.087	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	3808	1.157	ug/l	98
37) Ethyl Acetate	4.720	43	4194	1.140	ug/l #	84
38) Carbon Tetrachloride	5.684	117	4115	1.097	ug/l #	83
39) Methylcyclohexane	7.378	83	4805	1.359	ug/l	96
40) Benzene	6.043	78	11566	1.129	ug/l	98
41) Methacrylonitrile	4.940	41	1736	0.907	ug/l #	44
42) 1,2-Dichloroethane	6.098	62	3995	1.064	ug/l	95
43) Isopropyl Acetate	6.348	43	5712	1.000	ug/l	95
44) Trichloroethene	7.128	130	3421	1.117	ug/l	88
45) 1,2-Dichloropropane	7.433	63	2852	1.080	ug/l	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2169	1.070	ug/l	95
47) Bromodichloromethane	7.823	83	3576	0.943	ug/l	99
48) Methyl methacrylate	7.695	41	2685	0.994	ug/l	90
49) 1,4-Dioxane	7.671	88	1635	20.235	ug/l #	87
51) 4-Methyl-2-Pentanone	8.579	43	17606	4.551	ug/l	99
52) Toluene	8.720	92	7547	1.084	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	2897	0.793	ug/l #	87
54) cis-1,3-Dichloropropene	8.372	75	3547	0.872	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	3118	0.990	ug/l	95
56) Ethyl methacrylate	9.122	69	3409	0.797	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	4636	0.955	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.244	63	10135	4.488	ug/l	100
59) 2-Hexanone	9.433	43	12793	4.260	ug/l	93
60) Dibromochloromethane	9.524	129	2493	0.805	ug/l	92
61) 1,2-Dibromoethane	9.616	107	3166	0.992	ug/l	95
64) Tetrachloroethene	9.274	164	3341	1.170	ug/l #	88
65) Chlorobenzene	10.085	112	8540	1.077	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.164	131	2453	0.852	ug/l #	65
67) Ethyl Benzene	10.195	91	13080	1.005	ug/l	96
68) m/p-Xylenes	10.305	106	10372	1.986	ug/l	98
69) o-Xylene	10.646	106	5001	0.957	ug/l	96
70) Styrene	10.658	104	7202	0.836	ug/l	94
71) Bromoform	10.799	173	1827	0.796	ug/l #	93
73) Isopropylbenzene	10.963	105	12775	1.045	ug/l	96
74) N-amyl acetate	10.847	43	3613	0.864	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	4759	1.091	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	3961m	0.926	ug/l	
77) Bromobenzene	11.201	156	3343	1.029	ug/l	98
78) n-propylbenzene	11.305	91	12976	0.965	ug/l	100
79) 2-Chlorotoluene	11.365	91	9464	1.109	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	9919	0.977	ug/l	95
82) 4-Chlorotoluene	11.457	91	9557	0.992	ug/l	98
83) tert-Butylbenzene	11.719	119	9958	0.968	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	9496	0.937	ug/l	98
85) sec-Butylbenzene	11.890	105	11362	0.936	ug/l	96
86) p-Isopropyltoluene	12.012	119	9479	0.907	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	6184	1.003	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	6570m	1.043	ug/l	
89) n-Butylbenzene	12.335	91	7696	0.905	ug/l	97
90) Hexachloroethane	12.536	117	1438	0.855	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	6431	1.028	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	835	0.943	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	3373	0.908	ug/l	96
94) Hexachlorobutadiene	13.725	225	1683	1.046	ug/l	95
95) Naphthalene	13.780	128	10103	0.814	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3504	0.929	ug/l	98

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

Reviewed By :John Carlone 05/12/2022
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