

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035272.D
 Acq On : 25 Apr 2023 10:37
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Apr 25 16:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:06:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/26/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	268739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	430983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	371595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175422	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	1.166	85	2624	0.923	ug/l	100
3) Chloromethane	1.294	50	2800	1.082	ug/l	96
4) Vinyl Chloride	1.373	62	2605	1.004	ug/l	93
6) Chloroethane	1.690	64	1783	1.175	ug/l	95
7) Trichlorofluoromethane	1.892	101	4559	1.124	ug/l	98
8) Diethyl Ether	2.129	74	1625	1.098	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	3023	1.116	ug/l	97
12) 1,1-Dichloroethene	2.324	96	2931	1.123	ug/l	89
14) Allyl chloride	2.666	41	4902	1.067	ug/l	94
15) Acrylonitrile	3.074	53	7813	5.292	ug/l	98
16) Acetone	2.398	43	8332	5.917	ug/l	97
17) Carbon Disulfide	2.513	76	6276	1.003	ug/l #	89
18) Methyl Acetate	2.715	43	5754	1.057	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	9303	1.039	ug/l	98
20) Methylene Chloride	2.788	84	4517	1.399	ug/l	87
21) trans-1,2-Dichloroethene	3.099	96	3045	1.074	ug/l	85
22) Diisopropyl ether	3.757	45	9566	1.052	ug/l #	81
23) Vinyl Acetate	3.733	43	29359	4.699	ug/l	96
24) 1,1-Dichloroethane	3.611	63	5278	1.031	ug/l #	89
25) 2-Butanone	4.580	43	10613	5.164	ug/l	95
26) 2,2-Dichloropropane	4.476	77	3925	0.979	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	3832	1.150	ug/l	82
28) Bromochloromethane	4.897	49	1959	0.898	ug/l #	93
29) Tetrahydrofuran	5.031	42	7094	5.386	ug/l #	81
30) Chloroform	5.092	83	5208	1.008	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	4558	1.006	ug/l #	47
36) 1,1-Dichloropropene	5.702	75	4777	1.157	ug/l	93
37) Ethyl Acetate	4.720	43	3409	0.890	ug/l #	81
38) Carbon Tetrachloride	5.671	117	3684	0.940	ug/l	87
39) Methylcyclohexane	7.378	83	5114	1.017	ug/l	95
40) Benzene	6.043	78	12694	1.071	ug/l	99
41) Methacrylonitrile	4.934	41	2026	0.937	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	4432	1.049	ug/l	100
43) Isopropyl Acetate	6.342	43	6009	0.948	ug/l	98
44) Trichloroethene	7.128	130	3370	1.032	ug/l	83
45) 1,2-Dichloropropane	7.439	63	3158	1.057	ug/l	99

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46) Dibromomethane	7.592	93	2181	1.063	ug/l	94
47) Bromodichloromethane	7.830	83	3484	0.922	ug/l	89
48) Methyl methacrylate	7.708	41	2813	0.905	ug/l	92
49) 1,4-Dioxane	7.750	88	1706	22.509	ug/l #	23
51) 4-Methyl-2-Pentanone	8.573	43	20037	5.145	ug/l	98
52) Toluene	8.720	92	7855	1.046	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	3026	0.767	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	3614	0.810	ug/l	89
55) 1,1,2-Trichloroethane	9.152	97	3297	1.101	ug/l	91
56) Ethyl methacrylate	9.116	69	4048	0.908	ug/l	89
57) 1,3-Dichloropropane	9.311	76	5630	1.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	10576	4.742	ug/l	98
59) 2-Hexanone	9.433	43	14631	5.001	ug/l	98
60) Dibromochloromethane	9.524	129	2338	0.815	ug/l	99
61) 1,2-Dibromoethane	9.616	107	3057	0.990	ug/l	99
64) Tetrachloroethene	9.274	164	3324	1.168	ug/l	94
65) Chlorobenzene	10.079	112	9024	1.122	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.164	131	2734	0.977	ug/l #	62
67) Ethyl Benzene	10.195	91	14810	1.064	ug/l	94
68) m/p-Xylenes	10.305	106	10863	2.036	ug/l	98
69) o-Xylene	10.640	106	5240	1.002	ug/l	98
70) Styrene	10.658	104	8011	0.944	ug/l	97
71) Bromoform	10.805	173	1580	0.812	ug/l #	98
73) Isopropylbenzene	10.963	105	12685	0.989	ug/l	98
74) N-amyl acetate	10.847	43	4200	0.872	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	4297	1.080	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	3814m	1.141	ug/l	
77) Bromobenzene	11.201	156	3277	1.028	ug/l	98
78) n-propylbenzene	11.305	91	14861	1.009	ug/l	97
79) 2-Chlorotoluene	11.365	91	10187	1.107	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	10275	0.950	ug/l	94
82) 4-Chlorotoluene	11.457	91	10587	1.024	ug/l	96
83) tert-Butylbenzene	11.713	119	10759	0.992	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	10489	0.965	ug/l	99
85) sec-Butylbenzene	11.890	105	12864	0.967	ug/l	100
86) p-Isopropyltoluene	12.012	119	10663	0.942	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	6295	1.039	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	7599m	1.196	ug/l	
89) n-Butylbenzene	12.335	91	8793	0.920	ug/l	96
90) Hexachloroethane	12.542	117	1273	0.735	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	7043	1.162	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	707	0.886	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	3940	1.035	ug/l	99
94) Hexachlorobutadiene	13.725	225	1896	1.134	ug/l	94
95) Naphthalene	13.780	128	10767	0.918	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	4144	1.081	ug/l	89

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

