

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027574.D
 Acq On : 19 Mar 2022 20:41
 Operator : JC/MD
 Sample : N2000-16MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-126D1-20220316MS

Quant Time: Mar 21 01:26:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	332129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	524671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	473326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	240229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185674	45.380	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.760%		
35) Dibromofluoromethane	5.391	113	163652	48.480	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.960%		
50) Toluene-d8	8.653	98	596756	46.717	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.440%		
62) 4-Bromofluorobenzene	11.085	95	218277	46.491	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	156434	49.070	ug/l	99
3) Chloromethane	1.294	50	138946	49.097	ug/l	99
4) Vinyl Chloride	1.374	62	160284	49.018	ug/l	100
5) Bromomethane	1.593	94	62052	35.510	ug/l	100
6) Chloroethane	1.672	64	106554	53.103	ug/l	99
7) Trichlorofluoromethane	1.880	101	245453	45.473	ug/l	99
8) Diethyl Ether	2.136	74	94777	47.138	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	154937	48.202	ug/l	94
10) Methyl Iodide	2.447	142	182681	42.935	ug/l	99
11) Tert butyl alcohol	2.977	59	182638	234.223	ug/l	100
12) 1,1-Dichloroethene	2.313	96	150537	48.812	ug/l	94
13) Acrolein	2.239	56	141073	233.141	ug/l	99
14) Allyl chloride	2.660	41	216555	44.872	ug/l	95
15) Acrylonitrile	3.068	53	471500	265.971	ug/l	100
16) Acetone	2.386	43	370751	222.310	ug/l	99
17) Carbon Disulfide	2.508	76	370003	47.150	ug/l	100
18) Methyl Acetate	2.709	43	175266	43.850	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	488802	46.976	ug/l	99
20) Methylene Chloride	2.788	84	168188	46.906	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	164686	50.060	ug/l	97
22) Diisopropyl ether	3.764	45	469126	49.777	ug/l	91
23) Vinyl Acetate	3.727	43	1815181	221.470	ug/l	96
24) 1,1-Dichloroethane	3.611	63	283215	49.408	ug/l	98
25) 2-Butanone	4.562	43	640349	255.208	ug/l	99
26) 2,2-Dichloropropane	4.477	77	162765	34.773	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	192996	50.587	ug/l	93
28) Bromochloromethane	4.904	49	117577	50.849	ug/l	94
29) Tetrahydrofuran	5.013	42	426781	265.144	ug/l	93
30) Chloroform	5.099	83	308486	48.788	ug/l	99
31) Cyclohexane	5.471	56	249265	49.062	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	269510	46.815	ug/l	99
36) 1,1-Dichloropropene	5.696	75	222213	48.171	ug/l	98
37) Ethyl Acetate	4.721	43	216915	47.190	ug/l	99
38) Carbon Tetrachloride	5.678	117	244231	46.278	ug/l	99
39) Methylcyclohexane	7.385	83	274559	47.330	ug/l	98
40) Benzene	6.044	78	663284	50.118	ug/l	98

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41) Methacrylonitrile	4.922	41	129293	51.575	ug/l	96
42) 1,2-Dichloroethane	6.092	62	237481	47.880	ug/l	99
43) Isopropyl Acetate	6.348	43	330909	44.730	ug/l	97
44) Trichloroethene	7.129	130	301990	75.168	ug/l	100
45) 1,2-Dichloropropane	7.434	63	166599	49.422	ug/l	98
46) Dibromomethane	7.586	93	124056	48.176	ug/l	98
47) Bromodichloromethane	7.824	83	231061	47.655	ug/l	100
48) Methyl methacrylate	7.696	41	181124	49.472	ug/l	92
49) 1,4-Dioxane	7.659	88	97326	1035.007	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1206726	255.531	ug/l	96
52) Toluene	8.720	92	432034	48.715	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	226741	45.563	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	248551	45.892	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	180341	49.943	ug/l	99
56) Ethyl methacrylate	9.116	69	263566	48.784	ug/l	93
57) 1,3-Dichloropropane	9.311	76	291435	49.714	ug/l	100
59) 2-Hexanone	9.433	43	946632	260.267	ug/l	93
60) Dibromochloromethane	9.525	129	191430	48.158	ug/l	96
61) 1,2-Dibromoethane	9.610	107	189827	47.830	ug/l	98
64) Tetrachloroethene	9.275	164	184269	50.070	ug/l	98
65) Chlorobenzene	10.079	112	476025	48.889	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	175349	48.269	ug/l	99
67) Ethyl Benzene	10.195	91	817732	49.066	ug/l	97
68) m/p-Xylenes	10.305	106	652058	99.367	ug/l	98
69) o-Xylene	10.646	106	318039	49.916	ug/l	98
70) Styrene	10.659	104	526921	50.625	ug/l	99
71) Bromoform	10.805	173	141674	48.816	ug/l #	99
73) Isopropylbenzene	10.963	105	828008	47.321	ug/l	100
74) N-amyl acetate	10.841	43	259457	41.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	271959	49.067	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	247703m	49.296	ug/l	
77) Bromobenzene	11.201	156	211287	47.906	ug/l	93
78) n-propylbenzene	11.305	91	930383	48.437	ug/l	98
79) 2-Chlorotoluene	11.366	91	567114	47.067	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	710546	48.248	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	68806	41.587	ug/l	88
82) 4-Chlorotoluene	11.457	91	649031	47.309	ug/l	98
83) tert-Butylbenzene	11.719	119	693735	47.552	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	710288	48.362	ug/l	100
85) sec-Butylbenzene	11.890	105	845357	47.950	ug/l	99
86) p-Isopropyltoluene	12.012	119	733040	48.408	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	388014	47.483	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	391411	47.337	ug/l	99
89) n-Butylbenzene	12.335	91	596013	47.163	ug/l	98
90) Hexachloroethane	12.542	117	113363	46.943	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	387783	48.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61541	48.411	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	237233	46.387	ug/l	99
94) Hexachlorobutadiene	13.725	225	100428	44.455	ug/l	94
95) Naphthalene	13.780	128	823089	49.439	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	239281	46.253	ug/l	96

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

