

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069260.D
 Acq On : 28 Oct 2021 19:44
 Operator : JC/MD
 Sample : VN1028WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/29/2021
 Supervised By :Semsettin Yesilyurt 11/01/2021

Quant Time: Oct 29 07:53:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	239602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	422143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	383221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	155691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	178088	51.489	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.980%			
35) Dibromofluoromethane	8.024	113	133641	50.785	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.580%			
50) Toluene-d8	10.443	98	533608	50.716	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.733	95	186123	46.879	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	53525	19.542	ug/l	99
3) Chloromethane	2.303	50	57603	19.791	ug/l	98
4) Vinyl Chloride	2.443	62	66134	19.497	ug/l	100
5) Bromomethane	2.853	94	47088	23.374	ug/l	100
6) Chloroethane	3.017	64	42780	20.490	ug/l	99
7) Trichlorofluoromethane	3.373	101	101976	23.997	ug/l	100
8) Diethyl Ether	3.821	74	37286	24.666	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.205	101	45872	20.350	ug/l	99
10) Methyl Iodide	4.417	142	53114	17.780	ug/l	97
11) Tert butyl alcohol	5.390	59	62379	101.209	ug/l #	85
12) 1,1-Dichloroethene	4.175	96	43704	20.279	ug/l	98
13) Acrolein	4.044	56	12331	80.959	ug/l	97
14) Allyl chloride	4.840	41	73984	19.406	ug/l	98
15) Acrylonitrile	5.559	53	151524	103.858	ug/l	100
16) Acetone	4.291	43	136559	92.668	ug/l	99
17) Carbon Disulfide	4.524	76	99158	17.279	ug/l	100
18) Methyl Acetate	4.862	43	101774	20.323	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	168638	19.888	ug/l	98
20) Methylene Chloride	5.093	84	52644	18.625	ug/l	96
21) trans-1,2-Dichloroethene	5.594	96	46723	19.200	ug/l	98
22) Diisopropyl ether	6.501	45	159398	18.502	ug/l	99
23) Vinyl Acetate	6.439	43	620229	92.240	ug/l	98
24) 1,1-Dichloroethane	6.391	63	92165	20.227	ug/l	100
25) 2-Butanone	7.340	43	207517	92.917	ug/l	98
26) 2,2-Dichloropropane	7.329	77	72831	16.843	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	56513	19.655	ug/l	98
28) Bromochloromethane	7.659	49	44551	19.515	ug/l	97
29) Tetrahydrofuran	7.689	42	137110	96.280	ug/l	96
30) Chloroform	7.820	83	97005	19.584	ug/l	100
31) Cyclohexane	8.094	56	88356	19.087	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	85543	18.209	ug/l	99
36) 1,1-Dichloropropene	8.222	75	69881	19.201	ug/l	99
37) Ethyl Acetate	7.418	43	81928	19.755	ug/l	98
38) Carbon Tetrachloride	8.206	117	70218	17.596	ug/l	99
39) Methylcyclohexane	9.461	83	86104	19.108	ug/l	98
40) Benzene	8.461	78	214647	19.609	ug/l	99

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41) Methacrylonitrile	7.638	41	40215	19.669	ug/l	94
42) 1,2-Dichloroethane	8.531	62	81407	19.762	ug/l	100
43) Isopropyl Acetate	8.566	43	132193	18.568	ug/l	99
44) Trichloroethene	9.217	130	52143	18.917	ug/l	95
45) 1,2-Dichloropropane	9.491	63	55204	19.809	ug/l	95
46) Dibromomethane	9.577	93	37935	19.159	ug/l	99
47) Bromodichloromethane	9.765	83	70794	17.433	ug/l	97
48) Methyl methacrylate	9.563	41	56602	18.083	ug/l	89
49) 1,4-Dioxane	9.571	88	26552	372.873	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	422930	93.936	ug/l	99
52) Toluene	10.507	92	138940	19.354	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	74964	16.920	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	80401	17.138	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	55597	19.304	ug/l	99
56) Ethyl methacrylate	10.762	69	88691	17.880	ug/l	98
57) 1,3-Dichloropropane	11.047	76	93244	19.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	96658	81.516	ug/l	99
59) 2-Hexanone	11.087	43	306614	90.448	ug/l	99
60) Dibromochloromethane	11.240	129	50865	16.875	ug/l	99
61) 1,2-Dibromoethane	11.347	107	56690	17.781	ug/l	98
64) Tetrachloroethene	10.979	164	47537	19.420	ug/l	98
65) Chlorobenzene	11.771	112	144959	19.221	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	51364	17.864	ug/l	99
67) Ethyl Benzene	11.846	91	266547	19.401	ug/l	98
68) m/p-Xylenes	11.956	106	200760	39.228	ug/l	100
69) o-Xylene	12.283	106	99898	19.395	ug/l	98
70) Styrene	12.296	104	158175	17.861	ug/l	99
71) Bromoform	12.460	173	33907	16.326	ug/l #	99
73) Isopropylbenzene	12.581	105	262545	20.062	ug/l	98
74) N-amyl acetate	12.390	43	97831	18.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	86360	20.672	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	74079m	18.091	ug/l	
77) Bromobenzene	12.862	156	58971	19.208	ug/l	99
78) n-propylbenzene	12.924	91	289383	19.535	ug/l	99
79) 2-Chlorotoluene	13.010	91	181099	19.411	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	213943	19.692	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	21232	18.204	ug/l	88
82) 4-Chlorotoluene	13.106	91	172025	18.695	ug/l	99
83) tert-Butylbenzene	13.326	119	186736	19.700	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	209393	19.705	ug/l	100
85) sec-Butylbenzene	13.503	105	255826	19.479	ug/l	99
86) p-Isopropyltoluene	13.619	119	202061	19.292	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	101099	18.822	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	97766	18.792	ug/l	98
89) n-Butylbenzene	13.943	91	157479	17.754	ug/l	99
90) Hexachloroethane	14.211	117	32888	17.242	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	99692	19.051	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	15463	18.918	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	42287	18.379	ug/l	99
94) Hexachlorobutadiene	15.373	225	23764	18.454	ug/l	96
95) Naphthalene	15.509	128	126368	18.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	42232	18.552	ug/l	99

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

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