

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082550.D
 Acq On : 13 Jun 2024 11:19
 Operator : JC\MD
 Sample : VN0613WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

Quant Time: Jun 14 02:25:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	266679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	115532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	128879	51.618	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.171	113	95872	58.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.880%			
50) Toluene-d8	10.571	98	328810	52.279	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.847	95	118092	52.605	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	48002	21.056	ug/l	99
3) Chloromethane	2.365	50	52991	20.510	ug/l	100
4) Vinyl Chloride	2.518	62	50323	20.719	ug/l	98
5) Bromomethane	2.959	94	30765	22.036	ug/l	98
6) Chloroethane	3.124	64	33747	21.278	ug/l	90
7) Trichlorofluoromethane	3.500	101	68889	21.659	ug/l	97
8) Diethyl Ether	3.965	74	23584	20.815	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.377	101	39954	21.504	ug/l	99
10) Methyl Iodide	4.594	142	35281	18.889	ug/l	94
11) Tert butyl alcohol	5.518	59	38276	95.501	ug/l #	89
12) 1,1-Dichloroethene	4.347	96	37009	21.431	ug/l #	80
13) Acrolein	4.183	56	31255	105.235	ug/l	100
14) Allyl chloride	5.024	41	69996	18.932	ug/l #	92
15) Acrylonitrile	5.724	53	109912	105.888	ug/l	99
16) Acetone	4.430	43	109955	107.354	ug/l	92
17) Carbon Disulfide	4.712	76	109026	19.547	ug/l	96
18) Methyl Acetate	5.024	43	58293	22.853	ug/l #	88
19) Methyl tert-butyl Ether	5.806	73	130661	20.700	ug/l	97
20) Methylene Chloride	5.271	84	43972	21.278	ug/l #	81
21) trans-1,2-Dichloroethene	5.794	96	39000	20.724	ug/l #	82
22) Diisopropyl ether	6.671	45	161370	20.902	ug/l #	93
23) Vinyl Acetate	6.606	43	616169	101.228	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	84354	21.198	ug/l	98
25) 2-Butanone	7.483	43	166757	107.384	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	71213	21.366	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	47280	21.289	ug/l	81
28) Bromochloromethane	7.818	49	43407	24.482	ug/l #	77
29) Tetrahydrofuran	7.841	42	105674	105.987	ug/l #	82
30) Chloroform	7.971	83	83605	22.001	ug/l	99
31) Cyclohexane	8.259	56	76068	19.075	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	74707	22.160	ug/l	94
36) 1,1-Dichloropropene	8.371	75	56849	20.662	ug/l	96
37) Ethyl Acetate	7.559	43	65390	21.237	ug/l	94
38) Carbon Tetrachloride	8.365	117	65128	23.351	ug/l	94
39) Methylcyclohexane	9.606	83	60167	19.950	ug/l #	87
40) Benzene	8.606	78	181232	22.089	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	36905	20.380	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	68326	21.653	ug/l	96
43) Isopropyl Acetate	8.688	43	115836	21.231	ug/l #	89
44) Trichloroethene	9.353	130	40846	21.917	ug/l	95
45) 1,2-Dichloropropane	9.624	63	47254	22.322	ug/l	99
46) Dibromomethane	9.706	93	30886	22.224	ug/l	99
47) Bromodichloromethane	9.888	83	66771	22.758	ug/l #	97
48) Methyl methacrylate	9.682	41	53904	20.734	ug/l #	83
49) 1,4-Dioxane	9.700	88	16351	448.835	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	342433	110.466	ug/l	90
52) Toluene	10.629	92	110052	22.352	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	67911	22.380	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	71743	22.336	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	40067	22.393	ug/l	97
56) Ethyl methacrylate	10.876	69	63807	21.004	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	72847	21.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	158713	101.290	ug/l	92
59) 2-Hexanone	11.194	43	248594	109.524	ug/l	90
60) Dibromochloromethane	11.359	129	47854	24.235	ug/l	97
61) 1,2-Dibromoethane	11.470	107	41229	22.434	ug/l	99
64) Tetrachloroethene	11.106	164	39889	21.844	ug/l	94
65) Chlorobenzene	11.894	112	115747	21.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	40799	22.757	ug/l	98
67) Ethyl Benzene	11.965	91	197368	20.272	ug/l	97
68) m/p-Xylenes	12.070	106	149350	41.854	ug/l	95
69) o-Xylene	12.400	106	70625	20.432	ug/l	91
70) Styrene	12.412	104	122607	21.355	ug/l	97
71) Bromoform	12.582	173	31511	22.491	ug/l #	100
73) Isopropylbenzene	12.694	105	181677	19.794	ug/l	97
74) N-amyl acetate	12.494	43	92347	18.291	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	55489	20.973	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	53665m	22.069	ug/l	
77) Bromobenzene	12.982	156	45267	20.695	ug/l	89
78) n-propylbenzene	13.035	91	217312	19.994	ug/l	96
79) 2-Chlorotoluene	13.123	91	131865	19.321	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	151083	20.357	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	20578m	19.793	ug/l	
82) 4-Chlorotoluene	13.223	91	133627	20.025	ug/l	94
83) tert-Butylbenzene	13.441	119	124688	19.204	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	150475	19.818	ug/l	98
85) sec-Butylbenzene	13.617	105	176626	19.626	ug/l	99
86) p-Isopropyltoluene	13.729	119	143236	19.584	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	81386	20.538	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	81041	20.037	ug/l	98
89) n-Butylbenzene	14.059	91	122617	18.652	ug/l	98
90) Hexachloroethane	14.335	117	30022	22.155	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	78638	20.964	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12037	22.143	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	38823	18.464	ug/l	96
94) Hexachlorobutadiene	15.500	225	18282	19.816	ug/l	97
95) Naphthalene	15.641	128	122843	18.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41116	19.534	ug/l	98

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

