

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079771.D
 Acq On : 01 Nov 2023 14:57
 Operator : JC\MD
 Sample : VN1101WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBS01

Quant Time: Nov 02 05:54:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

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 Yesilyurt
 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	577122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	517567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237895	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	248663	48.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.171	113	198108	48.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.571	98	744741	49.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.853	95	243461	48.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.640%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	76469	19.027	ug/l	98
3) Chloromethane	2.359	50	88525	16.839	ug/l	97
4) Vinyl Chloride	2.512	62	95475	18.148	ug/l	98
5) Bromomethane	2.954	94	61730	19.312	ug/l	96
6) Chloroethane	3.112	64	79763	19.188	ug/l	94
7) Trichlorofluoromethane	3.495	101	121497	18.568	ug/l	99
8) Diethyl Ether	3.959	74	45920	18.493	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	70097	18.480	ug/l	98
10) Methyl Iodide	4.589	142	77668	17.930	ug/l	96
11) Tert butyl alcohol	5.530	59	57978	89.345	ug/l	99
12) 1,1-Dichloroethene	4.336	96	66078	18.398	ug/l	88
13) Acrolein	4.183	56	51596	90.852	ug/l	96
14) Allyl chloride	5.018	41	99163	18.027	ug/l	90
15) Acrylonitrile	5.718	53	184834	91.399	ug/l	100
16) Acetone	4.424	43	156922	87.881	ug/l	95
17) Carbon Disulfide	4.712	76	179555	17.332	ug/l	97
18) Methyl Acetate	5.024	43	151434	17.726	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	228340	18.467	ug/l #	91
20) Methylene Chloride	5.283	84	78473	17.417	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	72931	18.207	ug/l #	81
22) Diisopropyl ether	6.677	45	249145	19.544	ug/l #	89
23) Vinyl Acetate	6.606	43	667894	94.984	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	144789	18.687	ug/l	97
25) 2-Butanone	7.489	43	245763	93.990	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	118657	18.517	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	87715	18.307	ug/l	89
28) Bromochloromethane	7.818	49	78244	20.722	ug/l #	78
29) Tetrahydrofuran	7.841	42	163075	95.859	ug/l #	76
30) Chloroform	7.971	83	147264	17.497	ug/l	97
31) Cyclohexane	8.259	56	123591	18.399	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	126980	18.517	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	110841	19.005	ug/l	94
37) Ethyl Acetate	7.565	43	104282	19.496	ug/l #	90
38) Carbon Tetrachloride	8.365	117	109803	18.681	ug/l	95
39) Methylcyclohexane	9.606	83	103234	18.809	ug/l	88
40) Benzene	8.612	78	327645	18.757	ug/l	99

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Supervised By :Semsettin
 Yesilyurt
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	53653	18.890	ug/l	#	86
42) 1,2-Dichloroethane	8.671	62	114436	18.755	ug/l		99
43) Isopropyl Acetate	8.694	43	170374	18.163	ug/l	#	92
44) Trichloroethene	9.359	130	79715	18.390	ug/l		91
45) 1,2-Dichloropropane	9.624	63	84018	18.821	ug/l		99
46) Dibromomethane	9.712	93	55256	18.128	ug/l		91
47) Bromodichloromethane	9.888	83	115058	17.699	ug/l		96
48) Methyl methacrylate	9.682	41	77623	18.893	ug/l	#	83
49) 1,4-Dioxane	9.694	88	28150	387.745	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.447	43	516221	97.751	ug/l		90
52) Toluene	10.635	92	200461	19.357	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	118332	18.568	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	133481	19.216	ug/l	#	91
55) 1,1,2-Trichloroethane	11.018	97	77905	18.703	ug/l		92
56) Ethyl methacrylate	10.877	69	112351	18.910	ug/l	#	84
57) 1,3-Dichloropropane	11.165	76	138249	18.830	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	315622	104.812	ug/l		90
59) 2-Hexanone	11.200	43	383941	95.037	ug/l		89
60) Dibromochloromethane	11.365	129	83404	18.706	ug/l		98
61) 1,2-Dibromoethane	11.471	107	78843	18.859	ug/l		97
64) Tetrachloroethene	11.106	164	61489	18.344	ug/l		95
65) Chlorobenzene	11.894	112	211140	18.806	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75534	18.673	ug/l		97
67) Ethyl Benzene	11.965	91	369038	18.867	ug/l		99
68) m/p-Xylenes	12.071	106	280404	38.482	ug/l		96
69) o-Xylene	12.400	106	135577	19.322	ug/l		95
70) Styrene	12.412	104	218925	19.415	ug/l		97
71) Bromoform	12.582	173	53303	18.558	ug/l	#	96
73) Isopropylbenzene	12.700	105	338973	18.775	ug/l		100
74) N-amyl acetate	12.494	43	140362	17.811	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	115705	18.075	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	99282m	17.776	ug/l		
77) Bromobenzene	12.982	156	80497	18.211	ug/l		97
78) n-propylbenzene	13.041	91	404852	19.581	ug/l		96
79) 2-Chlorotoluene	13.129	91	245602	18.595	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	275831	19.636	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	37932	18.479	ug/l		92
82) 4-Chlorotoluene	13.223	91	241918	18.432	ug/l		100
83) tert-Butylbenzene	13.441	119	224779	19.549	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	273768	19.809	ug/l		100
85) sec-Butylbenzene	13.618	105	310445	19.487	ug/l		100
86) p-Isopropyltoluene	13.729	119	255595	19.679	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	151091	18.374	ug/l		96
88) 1,4-Dichlorobenzene	13.812	146	149595	17.923	ug/l		99
89) n-Butylbenzene	14.059	91	215395	19.255	ug/l		97
90) Hexachloroethane	14.335	117	47581	18.498	ug/l		92
91) 1,2-Dichlorobenzene	14.112	146	144529	18.619	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19585	18.041	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	64758	17.545	ug/l		97
94) Hexachlorobutadiene	15.506	225	29613	17.698	ug/l		97
95) Naphthalene	15.647	128	209040	16.700	ug/l		99
96) 1,2,3-Trichlorobenzene	15.847	180	66234	18.307	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

