

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021224\
 Data File : VN081015.D
 Acq On : 12 Feb 2024 19:56
 Operator : JC\MD
 Sample : VN0212WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBSD02

Quant Time: Feb 13 03:27:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/13/2024
 Supervised By :Mahesh Dadoda 02/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	471656	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	918379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	760245	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	311465	52.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.700%			
35) Dibromofluoromethane	8.171	113	289803	58.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.620%			
50) Toluene-d8	10.571	98	811974	45.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.100%			
62) 4-Bromofluorobenzene	12.853	95	274190	42.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	58371	10.924	ug/l	97
3) Chloromethane	2.365	50	137121	24.053	ug/l	100
4) Vinyl Chloride	2.518	62	120174	17.220	ug/l	96
5) Bromomethane	2.948	94	66881	14.897	ug/l	89
6) Chloroethane	3.118	64	77862	15.821	ug/l	94
7) Trichlorofluoromethane	3.500	101	111524	12.205	ug/l	96
8) Diethyl Ether	3.959	74	77130	23.626	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	62300	12.120	ug/l #	86
10) Methyl Iodide	4.589	142	112788	22.690	ug/l	99
11) Tert butyl alcohol	5.518	59	101234	123.487	ug/l	96
12) 1,1-Dichloroethene	4.342	96	86762	17.158	ug/l #	76
13) Acrolein	4.177	56	132770	128.498	ug/l	99
14) Allyl chloride	5.030	41	116005	17.314	ug/l #	87
15) Acrylonitrile	5.724	53	281500	125.621	ug/l	98
16) Acetone	4.424	43	199534	101.931	ug/l	93
17) Carbon Disulfide	4.712	76	172719	13.542	ug/l	99
18) Methyl Acetate	5.018	43	150773	24.539	ug/l #	82
19) Methyl tert-butyl Ether	5.794	73	402541	23.899	ug/l	95
20) Methylene Chloride	5.277	84	129238	21.791	ug/l #	76
21) trans-1,2-Dichloroethene	5.789	96	96567	17.012	ug/l	85
22) Diisopropyl ether	6.677	45	335765	21.621	ug/l #	91
23) Vinyl Acetate	6.606	43	1270451	124.148	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	191315	18.916	ug/l	94
25) 2-Butanone	7.483	43	348710	110.984	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	139935	15.131	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	136817	20.743	ug/l	79
28) Bromochloromethane	7.812	49	78174	18.576	ug/l #	39
29) Tetrahydrofuran	7.841	42	223388	116.288	ug/l #	74
30) Chloroform	7.971	83	232696	20.819	ug/l	99
31) Cyclohexane	8.259	56	95814	11.783	ug/l #	61
32) 1,1,1-Trichloroethane	8.171	97	170411	17.595	ug/l #	87
36) 1,1-Dichloropropene	8.377	75	109807	14.978	ug/l	92
37) Ethyl Acetate	7.559	43	144997	26.138	ug/l	97
38) Carbon Tetrachloride	8.359	117	84503	11.244	ug/l	97
39) Methylcyclohexane	9.606	83	105566	12.920	ug/l #	79
40) Benzene	8.612	78	443084	19.855	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	85399	25.832	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	175344	22.567	ug/l	94
43) Isopropyl Acetate	8.688	43	416310	40.812	ug/l #	91
44) Trichloroethene	9.359	130	162814	24.020	ug/l	85
45) 1,2-Dichloropropane	9.624	63	121151	20.121	ug/l	99
46) Dibromomethane	9.712	93	99236	22.289	ug/l #	82
47) Bromodichloromethane	9.894	83	169758	19.493	ug/l #	99
48) Methyl methacrylate	9.682	41	117415	20.430	ug/l #	80
49) 1,4-Dioxane	9.694	88	103464	974.993	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	773004	125.745	ug/l	90
52) Toluene	10.635	92	268013	17.930	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	181833	21.578	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	203607	21.525	ug/l #	87
55) 1,1,2-Trichloroethane	11.023	97	127221	22.021	ug/l	93
56) Ethyl methacrylate	10.876	69	199285	28.835	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	214764	22.912	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	439942	104.853	ug/l #	79
59) 2-Hexanone	11.200	43	573636	123.116	ug/l	88
60) Dibromochloromethane	11.365	129	126570	21.441	ug/l	99
61) 1,2-Dibromoethane	11.476	107	143063	24.825	ug/l	97
64) Tetrachloroethene	11.106	164	137998	24.048	ug/l	89
65) Chlorobenzene	11.894	112	289978	18.200	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	113510	19.742	ug/l	96
67) Ethyl Benzene	11.965	91	461799	16.826	ug/l	93
68) m/p-Xylenes	12.076	106	362135	34.729	ug/l	90
69) o-Xylene	12.400	106	182278	18.015	ug/l	94
70) Styrene	12.412	104	308615	20.323	ug/l	95
71) Bromoform	12.582	173	73319	19.040	ug/l #	99
73) Isopropylbenzene	12.700	105	399014	18.303	ug/l	96
74) N-amyl acetate	12.494	43	225758	28.730	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	166437	24.543	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	129271m	22.618	ug/l	
77) Bromobenzene	12.982	156	121050	22.007	ug/l	63
78) n-propylbenzene	13.041	91	423434	17.204	ug/l	94
79) 2-Chlorotoluene	13.129	91	282828	18.183	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	337600	19.053	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	53858	25.602	ug/l	94
82) 4-Chlorotoluene	13.223	91	268342	17.292	ug/l	88
83) tert-Butylbenzene	13.441	119	278409	18.433	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	331402	18.778	ug/l	91
85) sec-Butylbenzene	13.617	105	328710	16.196	ug/l	92
86) p-Isopropyltoluene	13.729	119	289757	16.893	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	173646	17.726	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	174966	17.600	ug/l	96
89) n-Butylbenzene	14.059	91	226010	14.917	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	190211	20.267	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29901	23.572	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.394	180	107136	23.077	ug/l	98
94) Hexachlorobutadiene	15.506	225	32733	16.263	ug/l	99
95) Naphthalene	15.647	128	471612	30.767	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	113950	24.936	ug/l	96

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

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

