

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084510.D
 Acq On : 25 Oct 2024 12:51
 Operator : JC\MD
 Sample : VN1025WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1025WBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2024
 Supervised By :Mahesh Dadoda 10/28/2024

Quant Time: Oct 25 23:31:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123044	51.179	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.360%			
35) Dibromofluoromethane	8.165	113	98845	52.767	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	10.565	98	347032	50.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.700%			
62) 4-Bromofluorobenzene	12.847	95	127582	50.814	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27702	14.443	ug/l	92
3) Chloromethane	2.359	50	33503	15.298	ug/l	100
4) Vinyl Chloride	2.512	62	34913	16.458	ug/l	96
5) Bromomethane	2.953	94	22784	16.283	ug/l	96
6) Chloroethane	3.118	64	23430	15.422	ug/l	93
7) Trichlorofluoromethane	3.495	101	60176	18.217	ug/l	99
8) Diethyl Ether	3.959	74	23446	19.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	34521	18.238	ug/l	98
10) Methyl Iodide	4.589	142	44667	18.325	ug/l	95
11) Tert butyl alcohol	5.530	59	43341	109.328	ug/l	98
12) 1,1-Dichloroethene	4.342	96	33169	18.168	ug/l	96
13) Acrolein	4.177	56	50375	110.688	ug/l	98
14) Allyl chloride	5.024	41	61557	19.414	ug/l	89
15) Acrylonitrile	5.724	53	107702	107.584	ug/l	98
16) Acetone	4.424	43	100467	97.277	ug/l	94
17) Carbon Disulfide	4.712	76	87765	15.183	ug/l	100
18) Methyl Acetate	5.024	43	49668	22.064	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	124028	20.128	ug/l	99
20) Methylene Chloride	5.277	84	40509	19.295	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	35953	18.797	ug/l	93
22) Diisopropyl ether	6.671	45	130132	19.842	ug/l	98
23) Vinyl Acetate	6.600	43	486968	100.108	ug/l	98
24) 1,1-Dichloroethane	6.565	63	72538	19.778	ug/l	95
25) 2-Butanone	7.483	43	149818	106.505	ug/l	98
26) 2,2-Dichloropropane	7.488	77	60348	18.249	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	44975	19.458	ug/l	99
28) Bromochloromethane	7.806	49	35583	21.744	ug/l	99
29) Tetrahydrofuran	7.841	42	98433	113.391	ug/l	100
30) Chloroform	7.965	83	78081	20.495	ug/l	100
31) Cyclohexane	8.253	56	59311	16.655	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	67945	19.858	ug/l	95
36) 1,1-Dichloropropene	8.371	75	50650	18.615	ug/l	99
37) Ethyl Acetate	7.559	43	58801	21.065	ug/l	98
38) Carbon Tetrachloride	8.359	117	57292	19.195	ug/l	94
39) Methylcyclohexane	9.600	83	52067	17.193	ug/l	100
40) Benzene	8.606	78	163677	19.307	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	31915	21.060	ug/l	97
42) 1,2-Dichloroethane	8.671	62	57279	19.930	ug/l	99
43) Isopropyl Acetate	8.688	43	101581	18.579	ug/l	99
44) Trichloroethene	9.353	130	38469	19.429	ug/l	96
45) 1,2-Dichloropropane	9.624	63	41137	20.513	ug/l	99
46) Dibromomethane	9.712	93	28838	21.308	ug/l	96
47) Bromodichloromethane	9.888	83	61089	20.317	ug/l	97
48) Methyl methacrylate	9.676	41	45366	20.843	ug/l	96
49) 1,4-Dioxane	9.694	88	18714	467.034	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	304072	114.427	ug/l	99
52) Toluene	10.629	92	102464	19.820	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	60576	19.764	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	66864	20.282	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	41185	22.223	ug/l	95
56) Ethyl methacrylate	10.871	69	63862	20.942	ug/l	97
57) 1,3-Dichloropropane	11.159	76	69064	20.856	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	147841	104.510	ug/l	98
59) 2-Hexanone	11.194	43	223187	112.373	ug/l	99
60) Dibromochloromethane	11.359	129	47945	21.896	ug/l	99
61) 1,2-Dibromoethane	11.470	107	40386	20.972	ug/l	99
64) Tetrachloroethene	11.106	164	33990	19.251	ug/l	96
65) Chlorobenzene	11.888	112	109571	19.494	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	40038	20.681	ug/l	98
67) Ethyl Benzene	11.965	91	185831	18.695	ug/l	100
68) m/p-Xylenes	12.070	106	143079	38.913	ug/l	99
69) o-Xylene	12.400	106	70235	20.190	ug/l	96
70) Styrene	12.412	104	118401	20.094	ug/l	98
71) Bromoform	12.576	173	30794	21.605	ug/l #	96
73) Isopropylbenzene	12.694	105	174284	18.621	ug/l	98
74) N-amyl acetate	12.494	43	83628	19.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	60911	21.643	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	50488m	20.163	ug/l	
77) Bromobenzene	12.982	156	44002	19.490	ug/l	98
78) n-propylbenzene	13.035	91	207427	19.128	ug/l	98
79) 2-Chlorotoluene	13.123	91	132731	19.182	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	148351	19.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	20076	19.222	ug/l	91
82) 4-Chlorotoluene	13.223	91	132262	18.987	ug/l	99
83) tert-Butylbenzene	13.435	119	124439	18.338	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	150896	19.619	ug/l	99
85) sec-Butylbenzene	13.617	105	172818	19.085	ug/l	98
86) p-Isopropyltoluene	13.729	119	142997	19.097	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	82270	19.425	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	81409	19.034	ug/l	99
89) n-Butylbenzene	14.053	91	118581	17.465	ug/l	99
90) Hexachloroethane	14.335	117	27303	17.964	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	77829	18.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11659	20.075	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	38130	18.640	ug/l	99
94) Hexachlorobutadiene	15.500	225	16132	15.814	ug/l	95
95) Naphthalene	15.641	128	122723	18.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37685	18.405	ug/l	98

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

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