

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084583.D
 Acq On : 30 Oct 2024 22:10
 Operator : JC\MD
 Sample : VN1030WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 04:56:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	164354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	120109	50.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.200%		
35) Dibromofluoromethane	8.159	113	94112	47.743	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	10.565	98	334104	46.011	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.020%		
62) 4-Bromofluorobenzene	12.847	95	123912	45.660	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.119	85	42581	22.537	ug/l	97
3) Chloromethane	2.360	50	56597	24.230	ug/l	97
4) Vinyl Chloride	2.513	62	51817	25.499	ug/l	100
5) Bromomethane	2.901	94	26378	24.499	ug/l	100
6) Chloroethane	3.077	64	33665	26.096	ug/l	97
7) Trichlorofluoromethane	3.471	101	78573	23.472	ug/l	98
8) Diethyl Ether	3.960	74	30265	25.630	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.360	101	40320	21.316	ug/l	99
10) Methyl Iodide	4.583	142	65511	25.914	ug/l	99
11) Tert butyl alcohol	5.530	59	36469	116.388	ug/l	99
12) 1,1-Dichloroethene	4.324	96	43558	23.273	ug/l	94
13) Acrolein	4.183	56	24984	79.961	ug/l	96
14) Allyl chloride	5.012	41	76046	25.054	ug/l	92
15) Acrylonitrile	5.718	53	115588	127.426	ug/l	100
16) Acetone	4.430	43	90560	130.707	ug/l	97
17) Carbon Disulfide	4.701	76	131714	22.852	ug/l	98
18) Methyl Acetate	5.018	43	62949	22.973	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	151075	26.335	ug/l	98
20) Methylene Chloride	5.265	84	54483	26.096	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	47719	24.830	ug/l	96
22) Diisopropyl ether	6.671	45	167318	27.742	ug/l	98
23) Vinyl Acetate	6.601	43	554091	133.220	ug/l	97
24) 1,1-Dichloroethane	6.565	63	93182	25.734	ug/l	99
25) 2-Butanone	7.483	43	143552	129.622	ug/l	100
26) 2,2-Dichloropropane	7.483	77	61793	19.607	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	58663	26.141	ug/l	95
28) Bromochloromethane	7.806	49	32326	22.407	ug/l	96
29) Tetrahydrofuran	7.836	42	96493	131.335	ug/l	100
30) Chloroform	7.965	83	98258	26.660	ug/l	99
31) Cyclohexane	8.253	56	66635	20.332	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	83493	24.890	ug/l	98
36) 1,1-Dichloropropene	8.365	75	60919	22.283	ug/l	99
37) Ethyl Acetate	7.559	43	60855	24.534	ug/l	99
38) Carbon Tetrachloride	8.359	117	68981	22.574	ug/l	94
39) Methylcyclohexane	9.595	83	54733	19.680	ug/l	95
40) Benzene	8.600	78	211230	24.059	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35965	26.963	ug/l	97
42) 1,2-Dichloroethane	8.665	62	72252	25.411	ug/l	98
43) Isopropyl Acetate	8.689	43	108342	23.124	ug/l	98
44) Trichloroethene	9.353	130	45839	22.639	ug/l	99
45) 1,2-Dichloropropane	9.618	63	51152	24.837	ug/l	98
46) Dibromomethane	9.706	93	36196	24.906	ug/l	97
47) Bromodichloromethane	9.889	83	75413	24.617	ug/l #	97
48) Methyl methacrylate	9.677	41	48143	24.939	ug/l	98
49) 1,4-Dioxane	9.694	88	17123	500.547	ug/l	94
51) 4-Methyl-2-Pentanone	10.442	43	296378	125.341	ug/l	99
52) Toluene	10.630	92	124536	24.253	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	72322	22.807	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78371	23.352	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	47580	24.599	ug/l	97
56) Ethyl methacrylate	10.871	69	73499	26.271	ug/l	99
57) 1,3-Dichloropropane	11.159	76	82140	24.744	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	141505	108.088	ug/l	98
59) 2-Hexanone	11.194	43	215344	125.117	ug/l	100
60) Dibromochloromethane	11.359	129	56203	25.496	ug/l	97
61) 1,2-Dibromoethane	11.471	107	48681	24.578	ug/l	99
64) Tetrachloroethene	11.100	164	39513	23.303	ug/l	90
65) Chlorobenzene	11.888	112	132867	23.298	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	48991	24.697	ug/l	97
67) Ethyl Benzene	11.965	91	214916	22.576	ug/l	100
68) m/p-Xylenes	12.071	106	168971	46.884	ug/l	98
69) o-Xylene	12.394	106	81955	24.308	ug/l	99
70) Styrene	12.412	104	142048	24.152	ug/l	97
71) Bromoform	12.577	173	36263	24.294	ug/l #	99
73) Isopropylbenzene	12.694	105	191024	22.190	ug/l	100
74) N-amyl acetate	12.494	43	89457	24.416	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67873	23.621	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	56870m	23.160	ug/l	
77) Bromobenzene	12.977	156	53598	23.161	ug/l	95
78) n-propylbenzene	13.035	91	222840	22.091	ug/l	98
79) 2-Chlorotoluene	13.124	91	151685	23.013	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	167212	23.436	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22982	22.204	ug/l	96
82) 4-Chlorotoluene	13.218	91	151677	21.866	ug/l	98
83) tert-Butylbenzene	13.435	119	130937	22.174	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	174786	23.736	ug/l	98
85) sec-Butylbenzene	13.612	105	177601	21.292	ug/l	100
86) p-Isopropyltoluene	13.730	119	150919	22.062	ug/l	98
87) 1,3-Dichlorobenzene	13.730	146	95102	21.057	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	94930	22.262	ug/l	99
89) n-Butylbenzene	14.053	91	122126	19.085	ug/l	99
90) Hexachloroethane	14.329	117	30295	19.859	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	97188	22.394	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13360	22.951	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	45896	19.321	ug/l	100
94) Hexachlorobutadiene	15.500	225	18599	17.829	ug/l	98
95) Naphthalene	15.641	128	151536	21.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	46341	20.097	ug/l	98

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

