

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110124\
 Data File : VN084632.D
 Acq On : 01 Nov 2024 12:32
 Operator : JC\MD
 Sample : VN1101WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 04 04:25:11 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	8.224	168	179647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116705	44.978	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.960%
35) Dibromofluoromethane	8.165	113	95578	46.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	10.565	98	350812	46.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.847	95	131770	46.526	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.060%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	39968	19.353	ug/l 97
3) Chloromethane	2.365	50	44651	16.750	ug/l 100
4) Vinyl Chloride	2.512	62	41926	18.875	ug/l 96
5) Bromomethane	2.901	94	21697	18.436	ug/l 93
6) Chloroethane	3.071	64	27307	18.995	ug/l 95
7) Trichlorofluoromethane	3.465	101	73409	20.063	ug/l 94
8) Diethyl Ether	3.948	74	26516	20.543	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.359	101	40756	19.712	ug/l 96
10) Methyl Iodide	4.577	142	53396	19.324	ug/l 95
11) Tert butyl alcohol	5.542	59	32016	93.479	ug/l 98
12) 1,1-Dichloroethene	4.324	96	37823	18.488	ug/l 96
13) Acrolein	4.177	56	35001	102.484	ug/l 97
14) Allyl chloride	5.012	41	64716	19.506	ug/l 92
15) Acrylonitrile	5.718	53	104289	105.182	ug/l 98
16) Acetone	4.424	43	80384	105.601	ug/l 99
17) Carbon Disulfide	4.701	76	110433	17.529	ug/l 99
18) Methyl Acetate	5.012	43	56734	18.181	ug/l 100
19) Methyl tert-butyl Ether	5.795	73	128070	20.424	ug/l 97
20) Methylene Chloride	5.271	84	44336	19.428	ug/l 86
21) trans-1,2-Dichloroethene	5.771	96	39898	18.993	ug/l 99
22) Diisopropyl ether	6.671	45	136989	20.780	ug/l 97
23) Vinyl Acetate	6.600	43	473087	104.061	ug/l 99
24) 1,1-Dichloroethane	6.559	63	78807	19.911	ug/l 96
25) 2-Butanone	7.483	43	126655	104.629	ug/l 99
26) 2,2-Dichloropropane	7.489	77	68278	19.820	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	48150	19.630	ug/l 98
28) Bromochloromethane	7.812	49	34905	22.135	ug/l 93
29) Tetrahydrofuran	7.841	42	83561	104.051	ug/l 96
30) Chloroform	7.959	83	80798	20.057	ug/l 96
31) Cyclohexane	8.253	56	69908	19.515	ug/l 96
32) 1,1,1-Trichloroethane	8.165	97	73597	20.072	ug/l 98
36) 1,1-Dichloropropene	8.365	75	54311	19.036	ug/l 99
37) Ethyl Acetate	7.559	43	54883	21.202	ug/l 98
38) Carbon Tetrachloride	8.359	117	63997	20.068	ug/l 98
39) Methylcyclohexane	9.600	83	56902	19.604	ug/l 99
40) Benzene	8.600	78	178059	19.433	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29975	21.533	ug/l	96
42) 1,2-Dichloroethane	8.671	62	60410	20.358	ug/l	98
43) Isopropyl Acetate	8.688	43	94407	19.145	ug/l	99
44) Trichloroethene	9.347	130	40547	19.188	ug/l	97
45) 1,2-Dichloropropane	9.624	63	43144	20.073	ug/l	99
46) Dibromomethane	9.706	93	29954	19.750	ug/l	96
47) Bromodichloromethane	9.888	83	64340	20.125	ug/l	93
48) Methyl methacrylate	9.683	41	41114	20.408	ug/l	96
49) 1,4-Dioxane	9.700	88	15620	437.525	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	269825	109.342	ug/l	99
52) Toluene	10.630	92	111675	20.840	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	63947	19.323	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	68709	19.617	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	42554	21.081	ug/l	94
56) Ethyl methacrylate	10.871	69	62143	21.283	ug/l	98
57) 1,3-Dichloropropane	11.159	76	70269	20.283	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	137129	100.367	ug/l	98
59) 2-Hexanone	11.194	43	194808	108.454	ug/l	97
60) Dibromochloromethane	11.359	129	48478	21.072	ug/l	100
61) 1,2-Dibromoethane	11.465	107	42488	20.554	ug/l	96
64) Tetrachloroethene	11.100	164	36361	19.779	ug/l	95
65) Chlorobenzene	11.888	112	116675	18.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	42973	19.982	ug/l	99
67) Ethyl Benzene	11.965	91	200430	19.420	ug/l	99
68) m/p-Xylenes	12.071	106	155447	39.784	ug/l	98
69) o-Xylene	12.400	106	73499	20.108	ug/l	98
70) Styrene	12.412	104	128498	20.153	ug/l	98
71) Bromoform	12.576	173	31565	19.505	ug/l #	97
73) Isopropylbenzene	12.694	105	187731	19.185	ug/l	100
74) N-ethyl acetate	12.494	43	80040	19.218	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	61000	18.676	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	50243m	18.000	ug/l	
77) Bromobenzene	12.976	156	48197	18.321	ug/l	93
78) n-propylbenzene	13.035	91	219361	19.130	ug/l	99
79) 2-Chlorotoluene	13.124	91	142054	18.959	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	161079	19.861	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21497	18.271	ug/l	97
82) 4-Chlorotoluene	13.218	91	143409	18.187	ug/l	97
83) tert-Butylbenzene	13.435	119	137807	20.530	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	164356	19.634	ug/l	98
85) sec-Butylbenzene	13.612	105	184495	19.458	ug/l	99
86) p-Isopropyltoluene	13.729	119	155045	19.939	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89011	17.338	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	90455	18.501	ug/l	100
89) n-Butylbenzene	14.053	91	126197	17.349	ug/l	99
90) Hexachloroethane	14.329	117	30596	17.643	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	89620	18.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12000	18.135	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	43138	15.975	ug/l	99
94) Hexachlorobutadiene	15.500	225	19708	16.620	ug/l	98
95) Naphthalene	15.641	128	131737	16.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	42176	16.090	ug/l	99

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

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