

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084938.D
 Acq On : 19 Nov 2024 11:40
 Operator : JC\MD
 Sample : VN1119WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Quant Time: Nov 20 00:22:40 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	167364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131165	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115474	47.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.165	113	90242	46.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	10.565	98	325946	45.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.847	95	128829	48.202	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	36130	18.779	ug/l	98
3) Chloromethane	2.360	50	41727	16.810	ug/l	97
4) Vinyl Chloride	2.512	62	40114	19.385	ug/l	99
5) Bromomethane	2.901	94	20586	18.776	ug/l	98
6) Chloroethane	3.065	64	26614	19.938	ug/l	96
7) Trichlorofluoromethane	3.465	101	67356	19.759	ug/l	98
8) Diethyl Ether	3.954	74	25064	20.843	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.348	101	39960	20.746	ug/l	96
10) Methyl Iodide	4.571	142	51608	20.047	ug/l	99
11) Tert butyl alcohol	5.536	59	37827	118.551	ug/l	96
12) 1,1-Dichloroethene	4.324	96	36073	18.927	ug/l	93
13) Acrolein	4.171	56	39136	123.002	ug/l	96
14) Allyl chloride	5.012	41	60147	19.459	ug/l	94
15) Acrylonitrile	5.712	53	100056	108.319	ug/l	99
16) Acetone	4.430	43	81687	115.450	ug/l	99
17) Carbon Disulfide	4.695	76	95480	16.267	ug/l	98
18) Methyl Acetate	5.018	43	53894	18.624	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	122075	20.897	ug/l	98
20) Methylene Chloride	5.265	84	40989	19.279	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	37116	18.965	ug/l	90
22) Diisopropyl ether	6.665	45	130755	21.290	ug/l	97
23) Vinyl Acetate	6.595	43	447227	105.593	ug/l	99
24) 1,1-Dichloroethane	6.565	63	74117	20.100	ug/l #	96
25) 2-Butanone	7.483	43	131314	116.439	ug/l	96
26) 2,2-Dichloropropane	7.483	77	68443	21.326	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44729	19.574	ug/l	98
28) Bromochloromethane	7.812	49	34242	23.308	ug/l	99
29) Tetrahydrofuran	7.836	42	79498	106.257	ug/l	94
30) Chloroform	7.959	83	77863	20.747	ug/l	99
31) Cyclohexane	8.253	56	63583	19.052	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	70342	20.592	ug/l	98
36) 1,1-Dichloropropene	8.365	75	51548	19.146	ug/l	98
37) Ethyl Acetate	7.559	43	51933	21.260	ug/l #	94
38) Carbon Tetrachloride	8.359	117	58554	19.457	ug/l	93
39) Methylcyclohexane	9.600	83	53483	19.526	ug/l	97
40) Benzene	8.600	78	166743	19.284	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	28323	21.561	ug/l	93
42) 1,2-Dichloroethane	8.665	62	59066	21.093	ug/l	100
43) Isopropyl Acetate	8.688	43	100867	21.807	ug/l	98
44) Trichloroethene	9.347	130	37236	18.673	ug/l	95
45) 1,2-Dichloropropane	9.618	63	40398	19.917	ug/l	93
46) Dibromomethane	9.706	93	28390	19.836	ug/l	96
47) Bromodichloromethane	9.883	83	60687	20.115	ug/l	99
48) Methyl methacrylate	9.683	41	40746	21.432	ug/l	98
49) 1,4-Dioxane	9.694	88	15027	446.038	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	266202	114.312	ug/l	100
52) Toluene	10.630	92	104204	20.606	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	58885	18.856	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	65422	19.793	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	39586	20.781	ug/l	96
56) Ethyl methacrylate	10.871	69	59364	21.545	ug/l	97
57) 1,3-Dichloropropane	11.159	76	67357	20.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139905	108.511	ug/l	97
59) 2-Hexanone	11.194	43	199980	117.979	ug/l	100
60) Dibromochloromethane	11.359	129	43514	20.043	ug/l	95
61) 1,2-Dibromoethane	11.465	107	38886	19.935	ug/l	96
64) Tetrachloroethene	11.100	164	32191	19.153	ug/l	97
65) Chlorobenzene	11.888	112	107058	18.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	39898	20.291	ug/l	97
67) Ethyl Benzene	11.965	91	183422	19.439	ug/l	99
68) m/p-Xylenes	12.071	106	143310	40.117	ug/l	100
69) o-Xylene	12.400	106	68863	20.606	ug/l	99
70) Styrene	12.412	104	113129	19.406	ug/l	99
71) Bromoform	12.576	173	30101	20.345	ug/l #	100
73) Isopropylbenzene	12.694	105	173994	18.929	ug/l	100
74) N-ethyl acetate	12.494	43	74637	19.078	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	58779	19.158	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49539m	18.894	ug/l	
77) Bromobenzene	12.976	156	43232	17.496	ug/l	97
78) n-propylbenzene	13.035	91	199093	18.484	ug/l	100
79) 2-Chlorotoluene	13.124	91	132044	18.762	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	148018	19.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19909	18.014	ug/l	99
82) 4-Chlorotoluene	13.218	91	129851	17.532	ug/l	98
83) tert-Butylbenzene	13.435	119	120889	19.173	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	149905	19.065	ug/l	98
85) sec-Butylbenzene	13.612	105	169384	19.019	ug/l	99
86) p-Isopropyltoluene	13.729	119	140547	19.242	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80412	16.675	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	80399	17.455	ug/l	99
89) n-Butylbenzene	14.053	91	115610	16.921	ug/l	99
90) Hexachloroethane	14.335	117	27883	17.118	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	78540	16.949	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11687	18.803	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	38073	15.011	ug/l	100
94) Hexachlorobutadiene	15.494	225	17984	16.146	ug/l	99
95) Naphthalene	15.641	128	117873	15.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36396	14.782	ug/l	98

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

