

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112624\
 Data File : VN085042.D
 Acq On : 26 Nov 2024 14:59
 Operator : JC\MD
 Sample : VN1126WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2024
 Supervised By : Mahesh Dadoda 11/27/2024

Quant Time: Nov 27 05:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	165443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118343	50.217	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.440%
35) Dibromofluoromethane	8.165	113	93357	50.488	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	10.565	98	336396	50.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.847	95	129439	52.231	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.460%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.118	85	29281	15.652	ug/l 100
3) Chloromethane	2.359	50	30562	14.085	ug/l 98
4) Vinyl Chloride	2.512	62	28444	14.587	ug/l 98
5) Bromomethane	2.900	94	15470	14.155	ug/l 98
6) Chloroethane	3.065	64	18665	14.202	ug/l 97
7) Trichlorofluoromethane	3.459	101	52302	15.768	ug/l 100
8) Diethyl Ether	3.953	74	18623	16.496	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.359	101	29801	15.841	ug/l 99
10) Methyl Iodide	4.565	142	38949	15.641	ug/l 96
11) Tert butyl alcohol	5.536	59	29428	93.446	ug/l 99
12) 1,1-Dichloroethene	4.324	96	26775	15.248	ug/l 95
13) Acrolein	4.177	56	22107	105.204	ug/l 99
14) Allyl chloride	5.006	41	46102	15.574	ug/l 97
15) Acrylonitrile	5.712	53	77403	86.815	ug/l 98
16) Acetone	4.424	43	71626	104.360	ug/l 94
17) Carbon Disulfide	4.694	76	68887	13.291	ug/l 98
18) Methyl Acetate	5.024	43	39140	17.087	ug/l 99
19) Methyl tert-butyl Ether	5.794	73	94099	16.401	ug/l 95
20) Methylene Chloride	5.271	84	32128	15.340	ug/l 91
21) trans-1,2-Dichloroethene	5.777	96	28608	15.481	ug/l 97
22) Diisopropyl ether	6.671	45	97937	16.438	ug/l 99
23) Vinyl Acetate	6.600	43	342616	83.356	ug/l 100
24) 1,1-Dichloroethane	6.559	63	56223	15.769	ug/l 97
25) 2-Butanone	7.482	43	103245	92.010	ug/l 100
26) 2,2-Dichloropropane	7.482	77	53372	16.031	ug/l 99
27) cis-1,2-Dichloroethene	7.482	96	33524	15.049	ug/l 97
28) Bromochloromethane	7.812	49	23666	17.584	ug/l 96
29) Tetrahydrofuran	7.841	42	63870	91.530	ug/l 97
30) Chloroform	7.959	83	60270	15.891	ug/l 97
31) Cyclohexane	8.253	56	47292	15.065	ug/l 99
32) 1,1,1-Trichloroethane	8.159	97	55274	16.128	ug/l 94
36) 1,1-Dichloropropene	8.365	75	38286	15.286	ug/l 99
37) Ethyl Acetate	7.559	43	41536	18.242	ug/l # 95
38) Carbon Tetrachloride	8.353	117	47567	16.453	ug/l 98
39) Methylcyclohexane	9.594	83	39521	15.185	ug/l 95
40) Benzene	8.600	78	125907	15.894	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	22288	17.679	ug/l	97
42) 1,2-Dichloroethane	8.665	62	42938	15.844	ug/l	100
43) Isopropyl Acetate	8.688	43	70724	14.954	ug/l	98
44) Trichloroethene	9.347	130	28663	15.570	ug/l	97
45) 1,2-Dichloropropane	9.618	63	31424	16.106	ug/l	97
46) Dibromomethane	9.706	93	22232	16.398	ug/l	98
47) Bromodichloromethane	9.888	83	46908	16.325	ug/l	95
48) Methyl methacrylate	9.676	41	31508	17.902	ug/l	96
49) 1,4-Dioxane	9.694	88	11670	382.354	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	206620	95.646	ug/l	98
52) Toluene	10.629	92	76917	16.402	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	45330	15.735	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	48352	15.821	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	30805	17.636	ug/l	97
56) Ethyl methacrylate	10.871	69	45405	17.789	ug/l	98
57) 1,3-Dichloropropane	11.159	76	52104	16.948	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	100080	79.933	ug/l	100
59) 2-Hexanone	11.194	43	151764	93.933	ug/l	96
60) Dibromochloromethane	11.353	129	35731	16.738	ug/l	99
61) 1,2-Dibromoethane	11.470	107	30194	16.703	ug/l	100
64) Tetrachloroethene	11.100	164	24794	15.346	ug/l	92
65) Chlorobenzene	11.888	112	85029	15.636	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	32053	16.741	ug/l	98
67) Ethyl Benzene	11.965	91	138875	15.741	ug/l	97
68) m/p-Xylenes	12.070	106	108859	32.410	ug/l	98
69) o-Xylene	12.394	106	50655	15.854	ug/l	98
70) Styrene	12.412	104	86798	16.336	ug/l	100
71) Bromoform	12.576	173	24311	17.106	ug/l #	99
73) Isopropylbenzene	12.694	105	132000	15.090	ug/l	100
74) N-amyl acetate	12.494	43	56816	15.762	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	45057	15.084	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	36856m	16.342	ug/l	
77) Bromobenzene	12.976	156	34183	14.521	ug/l	97
78) n-propylbenzene	13.035	91	151999	15.065	ug/l	99
79) 2-Chlorotoluene	13.123	91	98224	14.584	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	113374	15.446	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14665	14.354	ug/l	89
82) 4-Chlorotoluene	13.217	91	99163	14.143	ug/l	99
83) tert-Butylbenzene	13.435	119	96240	15.239	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	114816	15.196	ug/l	99
85) sec-Butylbenzene	13.617	105	125956	14.764	ug/l	97
86) p-Isopropyltoluene	13.729	119	105755	15.016	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	61583	13.264	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	62478	13.186	ug/l	99
89) n-Butylbenzene	14.053	91	85577	13.066	ug/l	98
90) Hexachloroethane	14.335	117	23166	15.091	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	63907	14.364	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8976	15.540	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	28910	11.961	ug/l	100
94) Hexachlorobutadiene	15.500	225	14579	13.069	ug/l	96
95) Naphthalene	15.635	128	81458	11.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	28670	12.431	ug/l	99

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

