

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085087.D
 Acq On : 04 Dec 2024 12:14
 Operator : JC\MD
 Sample : VN1204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 04 22:02:55 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	8.224	168	163110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112274	48.323	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.640%
35) Dibromofluoromethane	8.165	113	91738	50.860	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.565	98	320536	49.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.847	95	116365	48.137	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.280%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	30354	16.458	ug/l	96
3) Chloromethane	2.359	50	35354	16.527	ug/l	100
4) Vinyl Chloride	2.512	62	36169	18.814	ug/l	96
5) Bromomethane	2.959	94	21068	19.553	ug/l	99
6) Chloroethane	3.124	64	23907	18.450	ug/l	99
7) Trichlorofluoromethane	3.501	101	66331	20.283	ug/l	98
8) Diethyl Ether	3.959	74	22955	20.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	37143	20.026	ug/l	99
10) Methyl Iodide	4.589	142	46869	19.090	ug/l	95
11) Tert butyl alcohol	5.506	59	30831	99.302	ug/l	100
12) 1,1-Dichloroethene	4.342	96	35340	20.413	ug/l	96
13) Acrolein	4.177	56	21093	101.814	ug/l	94
14) Allyl chloride	5.018	41	50775	17.398	ug/l	93
15) Acrylonitrile	5.718	53	90013	102.403	ug/l	98
16) Acetone	4.430	43	74782	110.517	ug/l	98
17) Carbon Disulfide	4.712	76	95638	18.716	ug/l	97
18) Methyl Acetate	5.024	43	44923	20.085	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	115767	20.466	ug/l	98
20) Methylene Chloride	5.271	84	39580	19.169	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	36741	20.167	ug/l	91
22) Diisopropyl ether	6.671	45	118783	20.222	ug/l	98
23) Vinyl Acetate	6.600	43	420644	103.803	ug/l	100
24) 1,1-Dichloroethane	6.565	63	70683	20.108	ug/l	97
25) 2-Butanone	7.477	43	114879	103.842	ug/l	98
26) 2,2-Dichloropropane	7.489	77	64562	19.670	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	44327	20.182	ug/l	99
28) Bromochloromethane	7.812	49	27103	20.426	ug/l	97
29) Tetrahydrofuran	7.836	42	74365	108.095	ug/l	99
30) Chloroform	7.965	83	76257	20.394	ug/l	95
31) Cyclohexane	8.253	56	62451	20.179	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	68895	20.390	ug/l	99
36) 1,1-Dichloropropene	8.365	75	51446	21.057	ug/l	99
37) Ethyl Acetate	7.559	43	49646	22.352	ug/l	97
38) Carbon Tetrachloride	8.359	117	63190	22.407	ug/l	97
39) Methylcyclohexane	9.594	83	53461	21.058	ug/l	99
40) Benzene	8.606	78	164005	21.224	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	24938	20.279	ug/l	98
42) 1,2-Dichloroethane	8.671	62	56049	21.202	ug/l	98
43) Isopropyl Acetate	8.683	43	82915	17.972	ug/l	97
44) Trichloroethene	9.353	130	37985	21.153	ug/l	85
45) 1,2-Dichloropropane	9.618	63	38773	20.372	ug/l	98
46) Dibromomethane	9.712	93	28709	21.709	ug/l	99
47) Bromodichloromethane	9.883	83	59414	21.198	ug/l	100
48) Methyl methacrylate	9.677	41	37064	21.589	ug/l	96
49) 1,4-Dioxane	9.694	88	12930	434.295	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	243561	115.583	ug/l	99
52) Toluene	10.630	92	101467	22.181	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	58073	20.666	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	64329	21.579	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	37778	22.172	ug/l	99
56) Ethyl methacrylate	10.871	69	57482	23.087	ug/l	99
57) 1,3-Dichloropropane	11.159	76	64936	21.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	123811	101.375	ug/l	100
59) 2-Hexanone	11.194	43	180056	114.247	ug/l	97
60) Dibromochloromethane	11.353	129	44047	21.152	ug/l	99
61) 1,2-Dibromoethane	11.465	107	38263	21.699	ug/l	98
64) Tetrachloroethene	11.100	164	33872	21.661	ug/l	95
65) Chlorobenzene	11.888	112	108472	20.611	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	38897	20.991	ug/l	99
67) Ethyl Benzene	11.959	91	181732	21.284	ug/l	97
68) m/p-Xylenes	12.071	106	139256	42.838	ug/l	98
69) o-Xylene	12.394	106	66548	21.521	ug/l	98
70) Styrene	12.406	104	112085	21.796	ug/l	98
71) Bromoform	12.576	173	29172	21.209	ug/l #	95
73) Isopropylbenzene	12.694	105	172034	22.550	ug/l	100
74) N-amyl acetate	12.494	43	69690	22.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53708	20.616	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	41030m	20.859	ug/l	
77) Bromobenzene	12.976	156	44314	21.585	ug/l	99
78) n-propylbenzene	13.029	91	197862	22.486	ug/l	100
79) 2-Chlorotoluene	13.123	91	126114	21.470	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	147777	23.084	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17940	20.134	ug/l	89
82) 4-Chlorotoluene	13.218	91	124835	20.415	ug/l	100
83) tert-Butylbenzene	13.435	119	122660	22.269	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	148458	22.529	ug/l	100
85) sec-Butylbenzene	13.612	105	165944	22.302	ug/l	99
86) p-Isopropyltoluene	13.723	119	140473	22.870	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76671	18.934	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	75413	18.249	ug/l	97
89) n-Butylbenzene	14.053	91	110694	19.379	ug/l	98
90) Hexachloroethane	14.335	117	28046	20.948	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	73798	19.019	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10241	20.329	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	35878	17.019	ug/l	99
94) Hexachlorobutadiene	15.500	225	17546	18.035	ug/l	94
95) Naphthalene	15.641	128	104286	17.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36415	18.104	ug/l	98

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

