

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084888.D
 Acq On : 17 Nov 2024 12:25
 Operator : JC\MD
 Sample : VN1117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:17:39 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	150455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93388	42.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.940%		
35) Dibromofluoromethane	8.165	113	79576	50.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.600%		
50) Toluene-d8	10.565	98	264068	45.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.520%		
62) 4-Bromofluorobenzene	12.847	95	102125	47.353	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34083	19.706	ug/l	90
3) Chloromethane	2.359	50	39885	18.042	ug/l	98
4) Vinyl Chloride	2.512	62	38953	20.939	ug/l	99
5) Bromomethane	2.901	94	21222	21.531	ug/l	99
6) Chloroethane	3.077	64	26309	22.068	ug/l	99
7) Trichlorofluoromethane	3.477	101	64412	21.019	ug/l	98
8) Diethyl Ether	3.953	74	20486	18.951	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	34308	19.813	ug/l #	88
10) Methyl Iodide	4.577	142	46196	19.962	ug/l	99
11) Tert butyl alcohol	5.542	59	29075	101.363	ug/l	97
12) 1,1-Dichloroethene	4.336	96	30577	17.846	ug/l	94
13) Acrolein	4.177	56	23983	83.848	ug/l	99
14) Allyl chloride	5.012	41	48374	17.409	ug/l	92
15) Acrylonitrile	5.718	53	90271	108.709	ug/l	99
16) Acetone	4.430	43	62942	98.543	ug/l	97
17) Carbon Disulfide	4.700	76	82486	15.633	ug/l	98
18) Methyl Acetate	5.024	43	42881	15.985	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	113198	21.555	ug/l	94
20) Methylene Chloride	5.271	84	38828	20.315	ug/l #	87
21) trans-1,2-Dichloroethene	5.777	96	33592	19.094	ug/l	97
22) Diisopropyl ether	6.665	45	105483	19.105	ug/l	95
23) Vinyl Acetate	6.600	43	375158	98.531	ug/l	99
24) 1,1-Dichloroethane	6.559	63	62817	18.950	ug/l	97
25) 2-Butanone	7.477	43	103199	101.793	ug/l	99
26) 2,2-Dichloropropane	7.489	77	58013	20.108	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38507	18.745	ug/l	98
28) Bromochloromethane	7.806	49	28273	21.408	ug/l	88
29) Tetrahydrofuran	7.836	42	66707	99.181	ug/l	94
30) Chloroform	7.959	83	66502	19.711	ug/l	100
31) Cyclohexane	8.253	56	56986	18.994	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	65046	21.182	ug/l	97
36) 1,1-Dichloropropene	8.365	75	43734	20.130	ug/l	99
37) Ethyl Acetate	7.553	43	40831	20.714	ug/l	97
38) Carbon Tetrachloride	8.359	117	53525	22.041	ug/l	97
39) Methylcyclohexane	9.600	83	48603	21.990	ug/l	97
40) Benzene	8.600	78	142106	20.367	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	24562	23.171	ug/l	93
42) 1,2-Dichloroethane	8.665	62	49893	22.080	ug/l	100
43) Isopropyl Acetate	8.688	43	76047	20.310	ug/l	99
44) Trichloroethene	9.347	130	32063	19.926	ug/l	93
45) 1,2-Dichloropropane	9.618	63	37373	22.834	ug/l	95
46) Dibromomethane	9.706	93	25522	22.098	ug/l	97
47) Bromodichloromethane	9.882	83	51947	21.338	ug/l #	98
48) Methyl methacrylate	9.677	41	32771	21.361	ug/l	96
49) 1,4-Dioxane	9.694	88	11801	434.092	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	210133	111.825	ug/l	98
52) Toluene	10.630	92	86999	21.320	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	51795	20.554	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	55571	20.836	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36880	23.993	ug/l	96
56) Ethyl methacrylate	10.871	69	49679	22.344	ug/l	95
57) 1,3-Dichloropropane	11.159	76	63603	24.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	93465	89.836	ug/l	96
59) 2-Hexanone	11.194	43	175196	128.087	ug/l	99
60) Dibromochloromethane	11.359	129	42528	24.276	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37554	23.858	ug/l	100
64) Tetrachloroethene	11.100	164	31436	22.892	ug/l	96
65) Chlorobenzene	11.888	112	94628	20.488	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35039	21.811	ug/l	98
67) Ethyl Benzene	11.959	91	156771	20.335	ug/l	100
68) m/p-Xylenes	12.071	106	121606	41.664	ug/l	100
69) o-Xylene	12.394	106	58729	21.510	ug/l	100
70) Styrene	12.412	104	100446	21.089	ug/l	99
71) Bromoform	12.576	173	27687	22.904	ug/l #	97
73) Isopropylbenzene	12.694	105	145662	19.371	ug/l	99
74) N-amyl acetate	12.494	43	61232	19.132	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	49874	19.870	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	47939m	22.349	ug/l	
77) Bromobenzene	12.982	156	39504	19.542	ug/l	93
78) n-propylbenzene	13.035	91	171566	19.470	ug/l	98
79) 2-Chlorotoluene	13.123	91	112412	19.524	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	131903	21.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17121	18.936	ug/l	96
82) 4-Chlorotoluene	13.218	91	114849	18.954	ug/l	99
83) tert-Butylbenzene	13.435	119	106411	20.630	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	133805	20.801	ug/l	98
85) sec-Butylbenzene	13.612	105	145843	20.016	ug/l	100
86) p-Isopropyltoluene	13.729	119	122620	20.520	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	71603	18.149	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72663	19.384	ug/l	99
89) n-Butylbenzene	14.053	91	100525	17.984	ug/l	99
90) Hexachloroethane	14.329	117	24649	18.497	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	71447	18.846	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10291	20.238	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	34522	16.637	ug/l	99
94) Hexachlorobutadiene	15.500	225	17987	19.739	ug/l	98
95) Naphthalene	15.641	128	110119	17.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	34606	17.180	ug/l	99

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

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