

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083365.D
 Acq On : 16 Aug 2024 19:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 04:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/19/2024
 Supervised By :Semsettin Yesilyurt 08/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	135558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113415	58.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.560%			
35) Dibromofluoromethane	8.165	113	84683	56.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.100%			
50) Toluene-d8	10.565	98	305196	54.152	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.300%			
62) 4-Bromofluorobenzene	12.853	95	122040	55.544	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	79009	51.397	ug/l	99
3) Chloromethane	2.359	50	80434	51.107	ug/l	100
4) Vinyl Chloride	2.512	62	90056	56.078	ug/l	99
5) Bromomethane	2.930	94	44979	45.138	ug/l	90
6) Chloroethane	3.106	64	58729	58.454	ug/l	98
7) Trichlorofluoromethane	3.483	101	155655	58.673	ug/l	95
8) Diethyl Ether	3.959	74	55854	56.579	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	84423	57.719	ug/l	98
10) Methyl Iodide	4.583	142	90407	46.989	ug/l	94
11) Tert butyl alcohol	5.530	59	129496	322.941	ug/l	98
12) 1,1-Dichloroethene	4.336	96	77946	51.871	ug/l	90
13) Acrolein	4.177	56	85802	328.313	ug/l	100
14) Allyl chloride	5.024	41	149477	52.638	ug/l	88
15) Acrylonitrile	5.724	53	252220	305.836	ug/l	99
16) Acetone	4.430	43	208905	276.690	ug/l	97
17) Carbon Disulfide	4.712	76	191412	43.533	ug/l	97
18) Methyl Acetate	5.024	43	147527	65.582	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	312259	57.571	ug/l	97
20) Methylene Chloride	5.277	84	93455	53.783	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	82672	53.230	ug/l	91
22) Diisopropyl ether	6.677	45	313435	58.719	ug/l	94
23) Vinyl Acetate	6.606	43	1619006m	295.914	ug/l	
24) 1,1-Dichloroethane	6.571	63	171727	59.023	ug/l	100
25) 2-Butanone	7.483	43	342095	295.088	ug/l	95
26) 2,2-Dichloropropane	7.494	77	128591	47.591	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	104509	55.764	ug/l	93
28) Bromochloromethane	7.818	49	70231	59.066	ug/l	87
29) Tetrahydrofuran	7.841	42	227908	304.116	ug/l	89
30) Chloroform	7.965	83	186166	61.589	ug/l	100
31) Cyclohexane	8.259	56	137145	47.963	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	166930	58.343	ug/l	96
36) 1,1-Dichloropropene	8.371	75	123699	54.123	ug/l	100
37) Ethyl Acetate	7.559	43	139962	54.694	ug/l #	94
38) Carbon Tetrachloride	8.365	117	143022	55.559	ug/l	97
39) Methylcyclohexane	9.600	83	138096	49.193	ug/l	99
40) Benzene	8.606	78	377757	55.482	ug/l	97

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41) Methacrylonitrile	7.783	41	77647	53.365	ug/l	95
42) 1,2-Dichloroethane	8.671	62	146581	59.100	ug/l	100
43) Isopropyl Acetate	8.688	43	271775	62.159	ug/l	98
44) Trichloroethene	9.353	130	89586	55.280	ug/l	95
45) 1,2-Dichloropropane	9.624	63	95450	59.059	ug/l	99
46) Dibromomethane	9.712	93	69971	60.486	ug/l	97
47) Bromodichloromethane	9.888	83	150007	57.752	ug/l #	98
48) Methyl methacrylate	9.682	41	115624	54.652	ug/l	91
49) 1,4-Dioxane	9.694	88	45634	1195.592	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	740727	306.098	ug/l	94
52) Toluene	10.629	92	241096	56.044	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148444	55.636	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	155330	54.734	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	93093	60.384	ug/l	97
56) Ethyl methacrylate	10.876	69	166234	57.197	ug/l	86
57) 1,3-Dichloropropane	11.165	76	164830	59.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317759	258.652	ug/l	98
59) 2-Hexanone	11.194	43	556852	297.443	ug/l	93
60) Dibromochloromethane	11.359	129	110985	59.543	ug/l	100
61) 1,2-Dibromoethane	11.471	107	94213	58.173	ug/l	97
64) Tetrachloroethene	11.106	164	74174	52.201	ug/l	95
65) Chlorobenzene	11.894	112	259599	54.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	94866	56.732	ug/l	99
67) Ethyl Benzene	11.965	91	480837	55.282	ug/l	99
68) m/p-Xylenes	12.070	106	358009	109.881	ug/l	97
69) o-Xylene	12.400	106	176841	55.032	ug/l	100
70) Styrene	12.412	104	305401	56.586	ug/l	98
71) Bromoform	12.576	173	73672	58.156	ug/l #	99
73) Isopropylbenzene	12.694	105	459861	50.507	ug/l	100
74) N-amyl acetate	12.494	43	222597	49.982	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	140821	54.684	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129677m	54.279	ug/l	
77) Bromobenzene	12.982	156	107103	52.954	ug/l	97
78) n-propylbenzene	13.035	91	549902	52.451	ug/l	100
79) 2-Chlorotoluene	13.123	91	345393	51.963	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	394478	51.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48760	44.395	ug/l	95
82) 4-Chlorotoluene	13.223	91	337870	50.676	ug/l	99
83) tert-Butylbenzene	13.441	119	346350	51.307	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	405230	52.751	ug/l	99
85) sec-Butylbenzene	13.617	105	480083	52.120	ug/l	99
86) p-Isopropyltoluene	13.729	119	403441	53.046	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	202287	53.153	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	202622	52.810	ug/l	99
89) n-Butylbenzene	14.059	91	351221	53.295	ug/l	100
90) Hexachloroethane	14.335	117	74724	50.855	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	196262	53.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31965	51.153	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	104758	50.774	ug/l	96
94) Hexachlorobutadiene	15.500	225	42576	46.400	ug/l	98
95) Naphthalene	15.641	128	382851	52.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106086	51.964	ug/l	95

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

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