

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083502.D
 Acq On : 27 Aug 2024 12:16
 Operator : JC\MD
 Sample : VN0827WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2024
 Supervised By :Mahesh Dadoda 08/31/2024

Quant Time: Aug 28 01:43:07 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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	136048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120684	62.321	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.640%			
35) Dibromofluoromethane	8.165	113	88616	59.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.440%			
50) Toluene-d8	10.565	98	312687	56.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.020%			
62) 4-Bromofluorobenzene	12.847	95	124498	57.206	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28393	18.404	ug/l	99
3) Chloromethane	2.359	50	32914	20.838	ug/l	100
4) Vinyl Chloride	2.512	62	35073	21.761	ug/l	98
5) Bromomethane	2.901	94	17883	17.882	ug/l	98
6) Chloroethane	3.065	64	22861	22.672	ug/l	95
7) Trichlorofluoromethane	3.465	101	63391	23.809	ug/l	95
8) Diethyl Ether	3.953	74	23927	24.150	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.353	101	34515	23.513	ug/l	99
10) Methyl Iodide	4.577	142	43838	22.703	ug/l #	96
11) Tert butyl alcohol	5.542	59	37739	93.776	ug/l #	85
12) 1,1-Dichloroethene	4.330	96	32239	21.377	ug/l	87
13) Acrolein	4.171	56	28674	109.323	ug/l	100
14) Allyl chloride	5.012	41	61271	21.499	ug/l	90
15) Acrylonitrile	5.718	53	92040	111.203	ug/l	99
16) Acetone	4.436	43	82211	108.495	ug/l	100
17) Carbon Disulfide	4.695	76	79875	18.101	ug/l	100
18) Methyl Acetate	5.024	43	51211	22.683	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	123484	22.685	ug/l	97
20) Methylene Chloride	5.271	84	36962	21.195	ug/l #	81
21) trans-1,2-Dichloroethene	5.777	96	34246	21.971	ug/l	91
22) Diisopropyl ether	6.665	45	123443	23.043	ug/l	99
23) Vinyl Acetate	6.600	43	670709m	122.147	ug/l	
24) 1,1-Dichloroethane	6.565	63	70575	24.169	ug/l	99
25) 2-Butanone	7.483	43	124863	107.318	ug/l	92
26) 2,2-Dichloropropane	7.489	77	67593	24.926	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	42467	22.578	ug/l	93
28) Bromochloromethane	7.812	49	28308	23.722	ug/l	89
29) Tetrahydrofuran	7.841	42	82297	109.420	ug/l	89
30) Chloroform	7.965	83	73675	24.286	ug/l	95
31) Cyclohexane	8.253	56	60529	21.092	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	68829	23.970	ug/l	93
36) 1,1-Dichloropropene	8.371	75	49089	21.684	ug/l	100
37) Ethyl Acetate	7.565	43	52159	20.578	ug/l #	94
38) Carbon Tetrachloride	8.359	117	57721	22.638	ug/l	99
39) Methylcyclohexane	9.600	83	57885	20.818	ug/l	99
40) Benzene	8.606	78	152337	22.589	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29311	20.338	ug/l	95
42) 1,2-Dichloroethane	8.671	62	59340	24.155	ug/l	100
43) Isopropyl Acetate	8.688	43	144180	31.806	ug/l #	91
44) Trichloroethene	9.347	130	35666	22.219	ug/l	96
45) 1,2-Dichloropropane	9.618	63	38389	23.981	ug/l	94
46) Dibromomethane	9.706	93	27027	23.587	ug/l	97
47) Bromodichloromethane	9.888	83	58153	22.603	ug/l	98
48) Methyl methacrylate	9.682	41	43888	20.944	ug/l	94
49) 1,4-Dioxane	9.700	88	15641	413.719	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	259854	108.412	ug/l	93
52) Toluene	10.630	92	94116	22.087	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	57430	21.731	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	63430	22.565	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	36333	23.793	ug/l	95
56) Ethyl methacrylate	10.877	69	59672	20.729	ug/l	92
57) 1,3-Dichloropropane	11.159	76	64303	23.625	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	125590	103.209	ug/l	96
59) 2-Hexanone	11.200	43	196788	106.123	ug/l	94
60) Dibromochloromethane	11.359	129	40979	22.196	ug/l	99
61) 1,2-Dibromoethane	11.471	107	35892	22.374	ug/l	98
64) Tetrachloroethene	11.100	164	29056	21.282	ug/l	97
65) Chlorobenzene	11.894	112	100165	21.987	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	35825	22.297	ug/l	100
67) Ethyl Benzene	11.965	91	179472	21.475	ug/l	99
68) m/p-Xylenes	12.071	106	134795	43.057	ug/l	98
69) o-Xylene	12.400	106	65937	21.355	ug/l	98
70) Styrene	12.412	104	108916	21.003	ug/l	97
71) Bromoform	12.576	173	25869	21.253	ug/l #	94
73) Isopropylbenzene	12.694	105	172781	19.612	ug/l	98
74) N-amyl acetate	12.494	43	79589	18.469	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	53622	21.519	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	54855m	23.729	ug/l	
77) Bromobenzene	12.982	156	38756	19.803	ug/l	94
78) n-propylbenzene	13.035	91	195597	19.281	ug/l	99
79) 2-Chlorotoluene	13.123	91	126397	19.652	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	145965	19.789	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	18084	17.016	ug/l	99
82) 4-Chlorotoluene	13.223	91	122044	18.917	ug/l	99
83) tert-Butylbenzene	13.441	119	129839	19.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	145589	19.586	ug/l	100
85) sec-Butylbenzene	13.618	105	170884	19.172	ug/l	99
86) p-Isopropyltoluene	13.729	119	142837	19.409	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	73499	19.959	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	72536	19.538	ug/l	98
89) n-Butylbenzene	14.059	91	118428	18.572	ug/l	98
90) Hexachloroethane	14.335	117	28242	19.864	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	74591	20.931	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12214	20.200	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	36800	18.433	ug/l	99
94) Hexachlorobutadiene	15.500	225	16155	18.195	ug/l	99
95) Naphthalene	15.641	128	122298	17.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	36507	18.480	ug/l	95

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

