

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083252.D
 Acq On : 13 Aug 2024 12:55
 Operator : JC\MD
 Sample : P3440-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 923-K1-WS-080124MS

Quant Time: Aug 14 01:41:24 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 08/14/2024
 Supervised By :Semsettin Yesilyurt 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	160491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127838	55.961	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.920%
35) Dibromofluoromethane	8.171	113	92938	50.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.240%
50) Toluene-d8	10.565	98	341986	49.936	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.880%
62) 4-Bromofluorobenzene	12.847	95	134669	50.439	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88513	48.634	ug/l	97
3) Chloromethane	2.365	50	94986	50.977	ug/l	99
4) Vinyl Chloride	2.512	62	100526	52.873	ug/l	95
5) Bromomethane	2.942	94	59350	50.307	ug/l	98
6) Chloroethane	3.112	64	63511	53.393	ug/l	96
7) Trichlorofluoromethane	3.495	101	169342	53.915	ug/l	99
8) Diethyl Ether	3.959	74	60026	51.359	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	87015	50.249	ug/l	99
10) Methyl Iodide	4.589	142	117955	51.782	ug/l	94
11) Tert butyl alcohol	5.524	59	119875	252.505	ug/l	100
12) 1,1-Dichloroethene	4.342	96	88544	49.770	ug/l	89
13) Acrolein	4.183	56	72634	234.750	ug/l	99
14) Allyl chloride	5.024	41	138325	41.144	ug/l	94
15) Acrylonitrile	5.718	53	251518	257.604	ug/l	99
16) Acetone	4.430	43	210893	235.929	ug/l	95
17) Carbon Disulfide	4.712	76	230333	44.247	ug/l	99
18) Methyl Acetate	5.024	43	114098	42.841	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	339309	52.839	ug/l	99
20) Methylene Chloride	5.277	84	100975	49.083	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	91454	49.737	ug/l	89
22) Diisopropyl ether	6.671	45	333800	52.820	ug/l	97
23) Vinyl Acetate	6.600	43	1348154	208.128	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	185702	53.910	ug/l	96
25) 2-Butanone	7.482	43	335076	244.131	ug/l	92
26) 2,2-Dichloropropane	7.488	77	85629	26.768	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	116015	52.286	ug/l	86
28) Bromochloromethane	7.812	49	69043	49.046	ug/l	86
29) Tetrahydrofuran	7.841	42	225467	254.119	ug/l #	87
30) Chloroform	7.965	83	199856	55.846	ug/l	98
31) Cyclohexane	8.259	56	158270	46.751	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	183314	54.116	ug/l	94
36) 1,1-Dichloropropene	8.377	75	133405	48.034	ug/l	99
37) Ethyl Acetate	7.565	43	118095	37.977	ug/l #	94
38) Carbon Tetrachloride	8.365	117	159518	50.995	ug/l	97
39) Methylcyclohexane	9.600	83	149188	43.734	ug/l	95
40) Benzene	8.606	78	416224	50.307	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	81564	46.131	ug/l	95
42) 1,2-Dichloroethane	8.671	62	156872	52.049	ug/l	98
43) Isopropyl Acetate	8.688	43	241377	44.401	ug/l #	94
44) Trichloroethene	9.353	130	95910	48.703	ug/l	97
45) 1,2-Dichloropropane	9.624	63	101610	51.738	ug/l	97
46) Dibromomethane	9.712	93	73938	52.598	ug/l	99
47) Bromodichloromethane	9.888	83	160065	50.712	ug/l	97
48) Methyl methacrylate	9.682	41	119709	46.564	ug/l	92
49) 1,4-Dioxane	9.694	88	42280	911.576	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	737407	250.769	ug/l	93
52) Toluene	10.629	92	266370	50.955	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148527	45.810	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	154767	44.879	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	97934	52.276	ug/l	96
56) Ethyl methacrylate	10.876	69	176992	50.115	ug/l	87
57) 1,3-Dichloropropane	11.165	76	172286	51.595	ug/l	99
59) 2-Hexanone	11.194	43	552130	242.700	ug/l	93
60) Dibromochloromethane	11.359	129	119301	52.671	ug/l	98
61) 1,2-Dibromoethane	11.470	107	100006	50.816	ug/l	97
64) Tetrachloroethene	11.106	164	78247	46.043	ug/l	97
65) Chlorobenzene	11.894	112	281527	49.647	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	99701	49.852	ug/l	98
67) Ethyl Benzene	11.965	91	516651	49.666	ug/l	99
68) m/p-Xylenes	12.070	106	388871	99.794	ug/l	99
69) o-Xylene	12.400	106	191121	49.729	ug/l	100
70) Styrene	12.412	104	323618	50.135	ug/l	98
71) Bromoform	12.576	173	77076	50.873	ug/l #	99
73) Isopropylbenzene	12.694	105	493465	48.640	ug/l	99
74) N-amyl acetate	12.494	43	190553	38.399	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	144005	50.186	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	128748m	48.364	ug/l	
77) Bromobenzene	12.982	156	113473	50.350	ug/l	98
78) n-propylbenzene	13.035	91	569109	48.717	ug/l	100
79) 2-Chlorotoluene	13.123	91	361616	48.825	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	420183	49.470	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	42777	34.954	ug/l	96
82) 4-Chlorotoluene	13.223	91	359988	48.457	ug/l	97
83) tert-Butylbenzene	13.441	119	366859	48.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	423532	49.479	ug/l	99
85) sec-Butylbenzene	13.617	105	490286	47.769	ug/l	100
86) p-Isopropyltoluene	13.729	119	409617	48.335	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	206999	48.813	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	206874	48.390	ug/l	97
89) n-Butylbenzene	14.059	91	339546	46.240	ug/l	99
90) Hexachloroethane	14.335	117	79724	48.694	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	204178	49.756	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32375	46.496	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	104819	45.594	ug/l	99
94) Hexachlorobutadiene	15.500	225	39895	39.020	ug/l	97
95) Naphthalene	15.641	128	388607	47.720	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	104913	46.120	ug/l	96

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

