

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082312.D
 Acq On : 23 May 2024 11:18
 Operator : JC\MD
 Sample : VN0523WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: May 24 04:14:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						05/24/2024
1) Pentafluorobenzene	8.230	168	185260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129883	50.000	ug/l	0.00
System Monitoring Compounds						05/24/2024
33) 1,2-Dichloroethane-d4	8.582	65	148540	50.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.560%	
35) Dibromofluoromethane	8.171	113	104318	54.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.820%	
50) Toluene-d8	10.571	98	379683	51.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.853	95	133498	50.886	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	49146	18.400	ug/l	96
3) Chloromethane	2.365	50	57628	19.038	ug/l	98
4) Vinyl Chloride	2.512	62	55764	19.596	ug/l	96
5) Bromomethane	2.953	94	31818	19.452	ug/l	100
6) Chloroethane	3.124	64	37552	20.209	ug/l	94
7) Trichlorofluoromethane	3.495	101	74965	20.117	ug/l	100
8) Diethyl Ether	3.965	74	27603	20.793	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	42254	19.411	ug/l	98
10) Methyl Iodide	4.594	142	41762	19.084	ug/l	92
11) Tert butyl alcohol	5.524	59	50978	108.562	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40787	20.159	ug/l #	80
13) Acrolein	4.183	56	33410	96.013	ug/l	95
14) Allyl chloride	5.030	41	80503	18.584	ug/l #	90
15) Acrylonitrile	5.718	53	134013	110.195	ug/l	100
16) Acetone	4.430	43	124083	103.402	ug/l	91
17) Carbon Disulfide	4.712	76	111217	17.019	ug/l	98
18) Methyl Acetate	5.030	43	67910	22.724	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	152354	20.601	ug/l	91
20) Methylene Chloride	5.283	84	48330	19.962	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	43362	19.667	ug/l #	82
22) Diisopropyl ether	6.677	45	182687	20.197	ug/l #	92
23) Vinyl Acetate	6.606	43	732338	102.689	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	95065	20.390	ug/l	97
25) 2-Butanone	7.488	43	195589	107.502	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	79215	20.285	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	53293	20.481	ug/l	84
28) Bromochloromethane	7.812	49	41115	19.683	ug/l #	73
29) Tetrahydrofuran	7.841	42	131148	112.269	ug/l #	82
30) Chloroform	7.965	83	91742	20.606	ug/l	96
31) Cyclohexane	8.259	56	85100	18.214	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	80022	20.260	ug/l	92
36) 1,1-Dichloropropene	8.371	75	63553	19.765	ug/l	95
37) Ethyl Acetate	7.559	43	81029	22.518	ug/l #	94
38) Carbon Tetrachloride	8.365	117	69033	21.179	ug/l	97
39) Methylcyclohexane	9.606	83	68391	19.404	ug/l #	87
40) Benzene	8.606	78	198072	20.658	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	44046	20.813	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	78925	21.402	ug/l		96
43) Isopropyl Acetate	8.688	43	162735	25.522	ug/l	#	83
44) Trichloroethene	9.353	130	44095	20.245	ug/l		89
45) 1,2-Dichloropropane	9.624	63	52334	21.154	ug/l		98
46) Dibromomethane	9.706	93	34008	20.938	ug/l		98
47) Bromodichloromethane	9.888	83	73362	21.396	ug/l		97
48) Methyl methacrylate	9.682	41	67482	22.211	ug/l	#	82
49) 1,4-Dioxane	9.700	88	21265	499.482	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	415604	114.721	ug/l		89
52) Toluene	10.629	92	123507	21.464	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	75864	21.393	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	81287	21.655	ug/l	#	79
55) 1,1,2-Trichloroethane	11.018	97	46496	22.236	ug/l		94
56) Ethyl methacrylate	10.876	69	77329	21.782	ug/l	#	68
57) 1,3-Dichloropropane	11.165	76	83965	21.476	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	204192	111.508	ug/l		90
59) 2-Hexanone	11.200	43	306554	115.568	ug/l		88
60) Dibromochloromethane	11.365	129	51808	22.451	ug/l		96
61) 1,2-Dibromoethane	11.470	107	46040	21.436	ug/l		98
64) Tetrachloroethene	11.106	164	45095	21.422	ug/l		95
65) Chlorobenzene	11.894	112	131040	20.885	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.965	131	44441	21.503	ug/l		97
67) Ethyl Benzene	11.965	91	229075	20.410	ug/l		98
68) m/p-Xylenes	12.076	106	169519	41.209	ug/l		94
69) o-Xylene	12.400	106	81199	20.378	ug/l		90
70) Styrene	12.412	104	138480	20.923	ug/l		96
71) Bromoform	12.576	173	34053	21.127	ug/l	#	96
73) Isopropylbenzene	12.700	105	209386	20.292	ug/l		98
74) N-amyl acetate	12.494	43	114597	20.191	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	65266	21.942	ug/l		97
76) 1,2,3-Trichloropropane	12.994	75	63454m	23.211	ug/l		
77) Bromobenzene	12.982	156	50374	20.485	ug/l		86
78) n-propylbenzene	13.035	91	248728	20.356	ug/l		97
79) 2-Chlorotoluene	13.129	91	152383	19.861	ug/l		93
80) 1,3,5-Trimethylbenzene	13.176	105	175897	21.082	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	23424m	20.041	ug/l		
82) 4-Chlorotoluene	13.223	91	151043	20.134	ug/l		94
83) tert-Butylbenzene	13.441	119	146925	20.129	ug/l		93
84) 1,2,4-Trimethylbenzene	13.482	105	175671	20.580	ug/l		98
85) sec-Butylbenzene	13.617	105	209626	20.719	ug/l		96
86) p-Isopropyltoluene	13.729	119	171287	20.832	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	89440	20.076	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	91170	20.051	ug/l		97
89) n-Butylbenzene	14.059	91	143512	19.419	ug/l		98
90) Hexachloroethane	14.335	117	31501	20.678	ug/l		97
91) 1,2-Dichlorobenzene	14.111	146	91460	21.688	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14028	22.954	ug/l		86
93) 1,2,4-Trichlorobenzene	15.394	180	46348	19.608	ug/l		97
94) Hexachlorobutadiene	15.506	225	19979	19.262	ug/l		99
95) Naphthalene	15.641	128	151381	20.436	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	47737	20.173	ug/l		99

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

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

05/24/2024
Supervised By :Semsettin
Yesilyurt

05/24/2024

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