

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042049.D
 Acq On : 26 Jun 2024 13:39
 Operator : JC/MD
 Sample : VX0626WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

06/27/2024
 Supervised By :Mahesh
 Dadoda

Quant Time: Jun 27 03:43:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	170902	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	242568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118934	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86662	43.975	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.940%
35) Dibromofluoromethane	5.379	113	79828	46.381	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.760%
50) Toluene-d8	8.647	98	275957	45.639	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.280%#
62) 4-Bromofluorobenzene	11.079	95	105330	47.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.520%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	29748	22.848	ug/l	99
3) Chloromethane	1.300	50	31279	19.150	ug/l	96
4) Vinyl Chloride	1.374	62	31129	19.012	ug/l	99
5) Bromomethane	1.593	94	16330	20.198	ug/l	97
6) Chloroethane	1.666	64	15510	21.001	ug/l	96
7) Trichlorofluoromethane	1.874	101	44773	20.871	ug/l	100
8) Diethyl Ether	2.136	74	18012	17.887	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	29670	20.078	ug/l #	85
10) Methyl Iodide	2.441	142	38106	20.747	ug/l #	87
11) Tert butyl alcohol	2.989	59	33676	90.041	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	28976	19.658	ug/l #	80
13) Acrolein	2.239	56	44677	106.565	ug/l	96
14) Allyl chloride	2.660	41	44771	19.151	ug/l	88
15) Acrylonitrile	3.068	53	93864	96.082	ug/l	99
16) Acetone	2.392	43	73912	85.413	ug/l #	88
17) Carbon Disulfide	2.501	76	61262	20.383	ug/l	98
18) Methyl Acetate	2.709	43	39570	16.763	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	95015	19.511	ug/l	99
20) Methylene Chloride	2.782	84	34214	18.057	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	29361	19.626	ug/l	86
22) Diisopropyl ether	3.763	45	94189	19.061	ug/l	93
23) Vinyl Acetate	3.721	43	425081	100.730	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	53548	19.351	ug/l	98
25) 2-Butanone	4.568	43	126075	93.648	ug/l	94
26) 2,2-Dichloropropane	4.477	77	37895	18.911	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	36309	19.378	ug/l	85
28) Bromochloromethane	4.903	49	21864	18.447	ug/l #	72
29) Tetrahydrofuran	5.013	42	82743	95.166	ug/l	93
30) Chloroform	5.092	83	54306	18.837	ug/l	96
31) Cyclohexane	5.464	56	46615	20.226	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	46286	19.214	ug/l	96
36) 1,1-Dichloropropene	5.690	75	35926	19.656	ug/l	95
37) Ethyl Acetate	4.721	43	48495	20.369	ug/l	96
38) Carbon Tetrachloride	5.672	117	39379	19.500	ug/l	98
39) Methylcyclohexane	7.379	83	48499	20.982	ug/l	92
40) Benzene	6.037	78	121934	19.781	ug/l	99

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41) Methacrylonitrile	4.928	41	25324	19.622	ug/l	91
42) 1,2-Dichloroethane	6.086	62	39767	20.028	ug/l	93
43) Isopropyl Acetate	6.348	43	70226	19.216	ug/l	94
44) Trichloroethene	7.123	130	33299	20.153	ug/l	85
45) 1,2-Dichloropropane	7.427	63	29865	19.704	ug/l	98
46) Dibromomethane	7.580	93	21895	19.826	ug/l #	75
47) Bromodichloromethane	7.824	83	38528	19.002	ug/l	92
48) Methyl methacrylate	7.696	41	34157	19.584	ug/l #	85
49) 1,4-Dioxane	7.665	88	15661	352.529	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	244678	97.196	ug/l	94
52) Toluene	8.720	92	79041	20.137	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	39425	19.239	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	44800	20.182	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	32952	20.152	ug/l	98
56) Ethyl methacrylate	9.116	69	50029	19.666	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	52750	19.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	128595	108.475	ug/l	93
59) 2-Hexanone	9.433	43	186249	96.599	ug/l	92
60) Dibromochloromethane	9.519	129	34154	19.228	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34357	20.260	ug/l	99
64) Tetrachloroethene	9.275	164	32934	20.436	ug/l	92
65) Chlorobenzene	10.079	112	90086	19.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	31381	19.471	ug/l	99
67) Ethyl Benzene	10.195	91	142258	19.719	ug/l	96
68) m/p-Xylenes	10.299	106	116465	39.993	ug/l	91
69) o-Xylene	10.640	106	57028	19.780	ug/l	93
70) Styrene	10.652	104	96994	20.062	ug/l	93
71) Bromoform	10.799	173	27838	18.940	ug/l #	98
73) Isopropylbenzene	10.963	105	147342	20.375	ug/l	97
74) N-amyl acetate	10.841	43	60206	18.742	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	51834	19.277	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40741m	18.869	ug/l	
77) Bromobenzene	11.201	156	42550	19.756	ug/l	78
78) n-propylbenzene	11.305	91	158324	20.178	ug/l	95
79) 2-Chlorotoluene	11.366	91	100069	19.794	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	122984	20.418	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14012	18.430	ug/l	90
82) 4-Chlorotoluene	11.457	91	112099	20.059	ug/l	91
83) tert-Butylbenzene	11.713	119	128452	19.435	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	123619	20.456	ug/l	94
85) sec-Butylbenzene	11.890	105	150886	20.184	ug/l	95
86) p-Isopropyltoluene	12.006	119	132504	20.291	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	74606	19.707	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	74840	19.268	ug/l	96
89) n-Butylbenzene	12.335	91	98043	19.504	ug/l	97
90) Hexachloroethane	12.536	117	21146	19.020	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	75298	19.438	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10185	19.113	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	48692	19.188	ug/l	96
94) Hexachlorobutadiene	13.725	225	24556	19.136	ug/l	98
95) Naphthalene	13.774	128	152410	18.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51826	19.364	ug/l	95

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