

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040020.D
 Acq On : 30 Jan 2024 15:41
 Operator : JC/MD
 Sample : VX0130WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 05:24:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	145559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67436	48.914	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.379	113	50947	51.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.840%		
50) Toluene-d8	8.647	98	185010	49.927	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	74643	52.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17464	18.100	ug/l	98
3) Chloromethane	1.294	50	15925	17.403	ug/l	100
4) Vinyl Chloride	1.374	62	16224	19.171	ug/l	98
5) Bromomethane	1.605	94	11265	13.693	ug/l	97
6) Chloroethane	1.685	64	10317	18.466	ug/l #	88
7) Trichlorofluoromethane	1.886	101	24346	18.081	ug/l	96
8) Diethyl Ether	2.136	74	9243	19.417	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	20066	19.973	ug/l	97
10) Methyl Iodide	2.453	142	21408	20.018	ug/l	95
11) Tert butyl alcohol	2.953	59	25722	102.823	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	18795	19.507	ug/l	94
13) Acrolein	2.233	56	25724	107.329	ug/l	99
14) Allyl chloride	2.660	41	33541	19.312	ug/l	96
15) Acrylonitrile	3.056	53	65349	104.285	ug/l	99
16) Acetone	2.373	43	63925	98.959	ug/l	98
17) Carbon Disulfide	2.508	76	53047	18.830	ug/l	99
18) Methyl Acetate	2.703	43	34528	22.563	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	68630	20.793	ug/l	97
20) Methylene Chloride	2.788	84	23240	20.244	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	21431	20.197	ug/l	97
22) Diisopropyl ether	3.757	45	70699	21.015	ug/l	97
23) Vinyl Acetate	3.721	43	319982	106.279	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39837	20.676	ug/l	98
25) 2-Butanone	4.550	43	92138	102.607	ug/l	97
26) 2,2-Dichloropropane	4.471	77	28267	18.802	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	24536	20.723	ug/l	97
28) Bromochloromethane	4.897	49	19483	21.685	ug/l	100
29) Tetrahydrofuran	4.995	42	58836	103.048	ug/l	97
30) Chloroform	5.092	83	41070	19.851	ug/l	94
31) Cyclohexane	5.470	56	33678	19.501	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	34767	19.581	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29585	20.645	ug/l	97
37) Ethyl Acetate	4.708	43	35382	22.608	ug/l	99
38) Carbon Tetrachloride	5.672	117	27659	20.172	ug/l	96
39) Methylcyclohexane	7.379	83	34141	19.581	ug/l	98
40) Benzene	6.037	78	84585	20.266	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18837	23.733	ug/l	91
42) 1,2-Dichloroethane	6.086	62	34160	21.261	ug/l	100
43) Isopropyl Acetate	6.336	43	53290	21.592	ug/l	99
44) Trichloroethene	7.123	130	21351	19.439	ug/l	99
45) 1,2-Dichloropropane	7.427	63	22196	20.141	ug/l	93
46) Dibromomethane	7.580	93	17127	20.706	ug/l	94
47) Bromodichloromethane	7.818	83	31138	21.136	ug/l	99
48) Methyl methacrylate	7.690	41	26375	21.694	ug/l	93
49) 1,4-Dioxane	7.659	88	11444	433.168	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	184901	109.749	ug/l	99
52) Toluene	8.714	92	53401	20.527	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	30633	20.048	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	33582	20.597	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	22568	20.958	ug/l	96
56) Ethyl methacrylate	9.116	69	34598	22.002	ug/l	97
57) 1,3-Dichloropropane	9.305	76	37443	21.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	82557	104.405	ug/l	97
59) 2-Hexanone	9.427	43	145801	108.540	ug/l	100
60) Dibromochloromethane	9.518	129	21919	20.258	ug/l	99
61) 1,2-Dibromoethane	9.610	107	24730	21.242	ug/l	98
64) Tetrachloroethene	9.275	164	17768	18.560	ug/l	97
65) Chlorobenzene	10.079	112	61167	20.113	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	19920	19.396	ug/l	93
67) Ethyl Benzene	10.195	91	107124	19.632	ug/l	96
68) m/p-Xylenes	10.299	106	85454	41.629	ug/l	97
69) o-Xylene	10.640	106	39709	20.393	ug/l	95
70) Styrene	10.652	104	67308	20.509	ug/l	99
71) Bromoform	10.799	173	14741	18.667	ug/l #	98
73) Isopropylbenzene	10.963	105	102428	20.207	ug/l	99
74) N-amyl acetate	10.841	43	47042	20.244	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	37796	19.833	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	31686m	21.079	ug/l	
77) Bromobenzene	11.195	156	24366	20.839	ug/l	98
78) n-propylbenzene	11.305	91	125709	20.153	ug/l	99
79) 2-Chlorotoluene	11.360	91	74717	19.897	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88909	20.405	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	8678	20.000	ug/l	99
82) 4-Chlorotoluene	11.451	91	88777	20.598	ug/l	100
83) tert-Butylbenzene	11.713	119	82186	19.711	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	90508	20.816	ug/l	100
85) sec-Butylbenzene	11.890	105	110810	20.059	ug/l	98
86) p-Isopropyltoluene	12.006	119	89584	19.860	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	47202	20.011	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	48913	20.257	ug/l	99
89) n-Butylbenzene	12.335	91	87378	19.957	ug/l	95
90) Hexachloroethane	12.536	117	13073	18.733	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	45815	20.145	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8731	20.211	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	29773	20.942	ug/l	96
94) Hexachlorobutadiene	13.725	225	10775	19.240	ug/l	97
95) Naphthalene	13.774	128	100076	20.725	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29188	20.764	ug/l	97

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

