

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022924\
 Data File : VX040530.D
 Acq On : 29 Feb 2024 12:29
 Operator : JC/MD
 Sample : VX0229WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0229WBS01

Quant Time: Mar 01 03:45:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/01/2024
 Supervised By :Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74765	51.366	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.385	113	53004	51.962	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.647	98	186033	50.243	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	74618	52.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20230	18.680	ug/l	97
3) Chloromethane	1.294	50	19393	18.053	ug/l	100
4) Vinyl Chloride	1.374	62	20535	17.678	ug/l	96
5) Bromomethane	1.605	94	14793	22.916	ug/l	100
6) Chloroethane	1.685	64	13448	18.293	ug/l	94
7) Trichlorofluoromethane	1.886	101	32349	17.632	ug/l	100
8) Diethyl Ether	2.130	74	11196	17.459	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	18617	18.852	ug/l	96
10) Methyl Iodide	2.453	142	18869	20.622	ug/l	99
11) Tert butyl alcohol	2.953	59	24415	99.783	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	17590	17.741	ug/l	95
13) Acrolein	2.233	56	17488	111.480	ug/l	99
14) Allyl chloride	2.666	41	31266	18.025	ug/l	90
15) Acrylonitrile	3.062	53	55573	90.545	ug/l	95
16) Acetone	2.374	43	62884	132.479	ug/l	97
17) Carbon Disulfide	2.514	76	42125	15.343	ug/l	97
18) Methyl Acetate	2.703	43	29548	20.191	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	63918	18.900	ug/l	98
20) Methylene Chloride	2.788	84	20611	18.145	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	18850	17.827	ug/l	98
22) Diisopropyl ether	3.757	45	63596	18.245	ug/l	94
23) Vinyl Acetate	3.721	43	296061	92.720	ug/l	100
24) 1,1-Dichloroethane	3.605	63	37000	18.202	ug/l	99
25) 2-Butanone	4.550	43	86225	104.260	ug/l	97
26) 2,2-Dichloropropane	4.471	77	31359	19.376	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	21598	17.460	ug/l	96
28) Bromochloromethane	4.891	49	15510	18.241	ug/l	98
29) Tetrahydrofuran	5.001	42	53595	92.895	ug/l	96
30) Chloroform	5.093	83	40601	18.818	ug/l	95
31) Cyclohexane	5.464	56	29015	17.595	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	35326	19.183	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28654	18.232	ug/l	99
37) Ethyl Acetate	4.708	43	32462	18.874	ug/l	99
38) Carbon Tetrachloride	5.672	117	28916	19.046	ug/l	96
39) Methylcyclohexane	7.379	83	29743	17.529	ug/l	97
40) Benzene	6.038	78	76969	18.089	ug/l	97

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Reviewed By :John Carlone 03/01/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17040	17.736	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	36783	20.887	ug/l	98
43) Isopropyl Acetate	6.336	43	51125	18.944	ug/l	98
44) Trichloroethene	7.123	130	20814	18.189	ug/l	94
45) 1,2-Dichloropropane	7.428	63	19514	17.136	ug/l	99
46) Dibromomethane	7.580	93	14460	17.272	ug/l	96
47) Bromodichloromethane	7.824	83	28305	17.171	ug/l	98
48) Methyl methacrylate	7.690	41	24790	18.378	ug/l	93
49) 1,4-Dioxane	7.653	88	9838	385.540	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	173826	97.417	ug/l	98
52) Toluene	8.714	92	50968	19.518	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	32010	19.135	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32541	18.097	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	21626	19.956	ug/l	92
56) Ethyl methacrylate	9.116	69	32915	19.644	ug/l	94
57) 1,3-Dichloropropane	9.305	76	36325	19.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70034	79.717	ug/l	97
59) 2-Hexanone	9.427	43	140177	102.178	ug/l	97
60) Dibromochloromethane	9.519	129	22484	19.102	ug/l	98
61) 1,2-Dibromoethane	9.610	107	22873	19.342	ug/l	98
64) Tetrachloroethene	9.269	164	18941	19.317	ug/l	94
65) Chlorobenzene	10.079	112	54274	18.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20379	19.465	ug/l	99
67) Ethyl Benzene	10.195	91	103783	19.084	ug/l	97
68) m/p-Xylenes	10.299	106	75241	37.051	ug/l	94
69) o-Xylene	10.640	106	36231	18.654	ug/l	92
70) Styrene	10.653	104	60798	18.777	ug/l	97
71) Bromoform	10.799	173	16087	18.771	ug/l #	99
73) Isopropylbenzene	10.963	105	100300	20.487	ug/l	99
74) N-amyl acetate	10.842	43	44202	19.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34966	19.749	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29761m	20.342	ug/l	
77) Bromobenzene	11.195	156	23856	20.608	ug/l	96
78) n-propylbenzene	11.305	91	121811	20.059	ug/l	96
79) 2-Chlorotoluene	11.366	91	72909	19.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	79309	19.048	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8676	19.769	ug/l	92
82) 4-Chlorotoluene	11.451	91	79093	18.710	ug/l	99
83) tert-Butylbenzene	11.713	119	73668	18.767	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	78087	18.902	ug/l	99
85) sec-Butylbenzene	11.890	105	98044	19.012	ug/l	99
86) p-Isopropyltoluene	12.006	119	80337	18.900	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42566	18.447	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	43271	18.422	ug/l	98
89) n-Butylbenzene	12.335	91	77902	18.628	ug/l	99
90) Hexachloroethane	12.536	117	13692	19.354	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	41669	18.950	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7736	18.742	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	28828	20.089	ug/l	98
94) Hexachlorobutadiene	13.725	225	11883	20.261	ug/l	99
95) Naphthalene	13.774	128	94304	20.564	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	28287	20.737	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

