

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037469.D
 Acq On : 01 Sep 2023 16:55
 Operator : JC/MD
 Sample : VX0901WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Quant Time: Sep 02 04:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2023
 Supervised By : Semsettin Yesilyurt 09/04/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94995	48.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.120%		
35) Dibromofluoromethane	5.385	113	84156	54.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.540%		
50) Toluene-d8	8.647	98	288459	51.286	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.580%		
62) 4-Bromofluorobenzene	11.079	95	114121	51.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30072	19.077	ug/l	97
3) Chloromethane	1.295	50	27113	19.661	ug/l	95
4) Vinyl Chloride	1.374	62	30033	20.008	ug/l	99
5) Bromomethane	1.605	94	16585	22.181	ug/l	98
6) Chloroethane	1.685	64	19929	22.561	ug/l	98
7) Trichlorofluoromethane	1.886	101	49082	19.961	ug/l	100
8) Diethyl Ether	2.130	74	19430	20.424	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	28168	19.637	ug/l	96
10) Methyl Iodide	2.453	142	35933	20.611	ug/l	93
11) Tert butyl alcohol	2.965	59	38820	84.591	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	26818	19.198	ug/l	84
13) Acrolein	2.239	56	23034	65.978	ug/l	98
14) Allyl chloride	2.666	41	40329	18.652	ug/l #	90
15) Acrylonitrile	3.062	53	81642	99.672	ug/l	98
16) Acetone	2.380	43	67307	87.943	ug/l #	87
17) Carbon Disulfide	2.514	76	56511	15.904	ug/l	100
18) Methyl Acetate	2.703	43	55505	19.261	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	104718	19.766	ug/l	96
20) Methylene Chloride	2.788	84	32707	19.110	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	29817	18.777	ug/l	88
22) Diisopropyl ether	3.764	45	87723	19.772	ug/l #	82
23) Vinyl Acetate	3.721	43	324313	95.387	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	54345	19.533	ug/l	97
25) 2-Butanone	4.556	43	105774	91.787	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	45352	18.252	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	36752	19.632	ug/l	88
28) Bromochloromethane	4.898	49	26591	21.394	ug/l #	76
29) Tetrahydrofuran	5.007	42	67417	91.735	ug/l #	81
30) Chloroform	5.093	83	59974	19.202	ug/l	99
31) Cyclohexane	5.471	56	42048	19.115	ug/l #	81
32) 1,1,1-Trichloroethane	5.385	97	52655	18.813	ug/l	96
36) 1,1-Dichloropropene	5.696	75	40961	18.594	ug/l	97
37) Ethyl Acetate	4.715	43	41372	18.385	ug/l #	92
38) Carbon Tetrachloride	5.678	117	45141	18.864	ug/l	97
39) Methylcyclohexane	7.379	83	49973	21.591	ug/l	90
40) Benzene	6.038	78	125584	19.877	ug/l	99

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41) Methacrylonitrile	4.922	41	22166	18.948	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	46062	18.591	ug/l	94
43) Isopropyl Acetate	6.342	43	67362	18.855	ug/l #	91
44) Trichloroethene	7.123	130	35124	19.606	ug/l	95
45) 1,2-Dichloropropane	7.434	63	31622	20.299	ug/l	98
46) Dibromomethane	7.580	93	23884	19.462	ug/l	92
47) Bromodichloromethane	7.824	83	44104	18.763	ug/l	97
48) Methyl methacrylate	7.696	41	32632	18.729	ug/l #	82
49) 1,4-Dioxane	7.665	88	16910	360.374	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	210659	97.104	ug/l	89
52) Toluene	8.720	92	83098	19.906	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	45631	18.232	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	51451	19.023	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	35000	20.590	ug/l	98
56) Ethyl methacrylate	9.116	69	52667	19.781	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	58019	20.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	125238	98.016	ug/l	92
59) 2-Hexanone	9.433	43	157487	95.208	ug/l	87
60) Dibromochloromethane	9.519	129	34030	18.803	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36848	19.799	ug/l	100
64) Tetrachloroethene	9.275	164	27401	17.831	ug/l	98
65) Chlorobenzene	10.079	112	88186	19.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32932	20.042	ug/l	99
67) Ethyl Benzene	10.195	91	154966	19.781	ug/l	99
68) m/p-Xylenes	10.299	106	120841	39.944	ug/l	97
69) o-Xylene	10.640	106	60729	20.346	ug/l	97
70) Styrene	10.659	104	97991	19.930	ug/l	97
71) Bromoform	10.799	173	22891	18.624	ug/l #	98
73) Isopropylbenzene	10.964	105	159711	21.122	ug/l	100
74) N-amyl acetate	10.842	43	56292	19.159	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	52846	20.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43626m	19.691	ug/l	
77) Bromobenzene	11.201	156	37966	20.559	ug/l	91
78) n-propylbenzene	11.305	91	172616	20.501	ug/l	99
79) 2-Chlorotoluene	11.366	91	108214	20.112	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	132621	21.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13160	16.590	ug/l	93
82) 4-Chlorotoluene	11.451	91	123378	19.864	ug/l	98
83) tert-Butylbenzene	11.713	119	132488	22.024	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	132745	20.823	ug/l	98
85) sec-Butylbenzene	11.890	105	163116	23.215	ug/l	99
86) p-Isopropyltoluene	12.006	119	137038	22.656	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67899	19.638	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	68461	19.165	ug/l	99
89) n-Butylbenzene	12.329	91	109518	21.839	ug/l	100
90) Hexachloroethane	12.536	117	21932	21.724	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	70899	20.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11469	19.383	ug/l	79
93) 1,2,4-Trichlorobenzene	13.585	180	42726	21.568	ug/l	98
94) Hexachlorobutadiene	13.725	225	18708	24.445	ug/l	98
95) Naphthalene	13.774	128	161786	18.644	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44470	22.595	ug/l	98

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

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