

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037261.D
 Acq On : 25 Aug 2023 10:38
 Operator : JC/MD
 Sample : VX0825WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 26 02:17:07 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 :Mahesh Dadoda 08/28/2023
 Supervised By :Semsettin Yesilyurt 08/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	151328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104728	48.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.000%
35) Dibromofluoromethane	5.385	113	86672	52.493	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	8.647	98	311738	52.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.100%
62) 4-Bromofluorobenzene	11.079	95	125721	53.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.820%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35066	19.948	ug/l	100
3) Chloromethane	1.300	50	31636	20.571	ug/l	100
4) Vinyl Chloride	1.374	62	32378	19.342	ug/l	96
5) Bromomethane	1.599	94	19973	23.953	ug/l	99
6) Chloroethane	1.684	64	21856	22.188	ug/l	100
7) Trichlorofluoromethane	1.886	101	56036	20.436	ug/l	97
8) Diethyl Ether	2.130	74	20953	19.751	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	32647	20.409	ug/l	98
10) Methyl Iodide	2.453	142	36412	18.728	ug/l	94
11) Tert butyl alcohol	2.959	59	43826	85.636	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	28883	18.541	ug/l	86
13) Acrolein	2.233	56	35764	91.862	ug/l	98
14) Allyl chloride	2.660	41	44926	18.633	ug/l #	92
15) Acrylonitrile	3.062	53	87700	96.011	ug/l	99
16) Acetone	2.379	43	89064	104.353	ug/l #	89
17) Carbon Disulfide	2.507	76	62335	15.732	ug/l	98
18) Methyl Acetate	2.703	43	58306	18.144	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	113362	19.188	ug/l	96
20) Methylene Chloride	2.788	84	35428	18.562	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	32288	18.233	ug/l	88
22) Diisopropyl ether	3.757	45	95238	19.249	ug/l #	95
23) Vinyl Acetate	3.721	43	356190	93.943	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	59315	19.117	ug/l	95
25) 2-Butanone	4.556	43	120474	93.747	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	55080	19.878	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39851	19.089	ug/l	89
28) Bromochloromethane	4.897	49	35088	25.315	ug/l #	76
29) Tetrahydrofuran	5.007	42	74072	90.382	ug/l #	83
30) Chloroform	5.092	83	67584	19.404	ug/l	95
31) Cyclohexane	5.464	56	47481	19.356	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	60471	19.374	ug/l	96
36) 1,1-Dichloropropene	5.690	75	45460	19.380	ug/l	97
37) Ethyl Acetate	4.714	43	44848	18.716	ug/l #	93
38) Carbon Tetrachloride	5.678	117	51722	20.298	ug/l	98
39) Methylcyclohexane	7.379	83	57234	23.223	ug/l	90
40) Benzene	6.037	78	137092	20.377	ug/l	99

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 Supervised By :Semsettin Yesilyurt 08/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.922	41	23961	19.235	ug/l	#	88
42) 1,2-Dichloroethane	6.086	62	51784	19.628	ug/l		95
43) Isopropyl Acetate	6.342	43	72468	19.049	ug/l	#	92
44) Trichloroethene	7.129	130	36912	19.349	ug/l		90
45) 1,2-Dichloropropane	7.433	63	34375	20.722	ug/l		99
46) Dibromomethane	7.580	93	26282	20.112	ug/l		93
47) Bromodichloromethane	7.824	83	50675	20.245	ug/l		98
48) Methyl methacrylate	7.689	41	35917	19.359	ug/l	#	86
49) 1,4-Dioxane	7.659	88	20303	406.338	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.573	43	229535	99.363	ug/l		91
52) Toluene	8.720	92	91946	20.685	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	52967	19.874	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	57672	20.025	ug/l	#	85
55) 1,1,2-Trichloroethane	9.153	97	38528	21.286	ug/l		97
56) Ethyl methacrylate	9.116	69	56661	19.985	ug/l		86
57) 1,3-Dichloropropane	9.311	76	63154	20.697	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	141920	104.309	ug/l		92
59) 2-Hexanone	9.427	43	180699	102.590	ug/l		89
60) Dibromochloromethane	9.518	129	39718	20.610	ug/l		98
61) 1,2-Dibromoethane	9.610	107	40429	20.401	ug/l		99
64) Tetrachloroethene	9.275	164	30235	17.840	ug/l		99
65) Chlorobenzene	10.079	112	99780	20.321	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36707	20.255	ug/l		98
67) Ethyl Benzene	10.195	91	176807	20.464	ug/l		100
68) m/p-Xylenes	10.299	106	139346	41.764	ug/l		97
69) o-Xylene	10.640	106	69405	21.084	ug/l		97
70) Styrene	10.652	104	113681	20.965	ug/l		97
71) Bromoform	10.799	173	27576	20.343	ug/l	#	97
73) Isopropylbenzene	10.963	105	183519	20.940	ug/l		99
74) N-amyl acetate	10.841	43	65475	19.227	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	60295	20.429	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	49022m	19.091	ug/l		
77) Bromobenzene	11.201	156	42425	19.821	ug/l		93
78) n-propylbenzene	11.305	91	206731	21.184	ug/l		99
79) 2-Chlorotoluene	11.366	91	128565	20.616	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	158435	21.672	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	16078	17.488	ug/l		94
82) 4-Chlorotoluene	11.457	91	147300	20.462	ug/l		98
83) tert-Butylbenzene	11.713	119	156800	22.490	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	158107	21.399	ug/l		97
85) sec-Butylbenzene	11.890	105	194612	23.897	ug/l		99
86) p-Isopropyltoluene	12.006	119	164554	23.473	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	82747	20.649	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	84159	20.328	ug/l		100
89) n-Butylbenzene	12.329	91	136337	23.457	ug/l		99
90) Hexachloroethane	12.536	117	27167	23.217	ug/l		94
91) 1,2-Dichlorobenzene	12.335	146	84431	21.517	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13637	19.885	ug/l		85
93) 1,2,4-Trichlorobenzene	13.585	180	51454	22.410	ug/l		98
94) Hexachlorobutadiene	13.725	225	22797	25.702	ug/l		97
95) Naphthalene	13.774	128	176902	17.589	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	51799	22.708	ug/l		99

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 Supervised By :Semsettin Yesilyurt 08/28/2023

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

08/28/2023
 Supervised By :Semsettin
 Yesilyurt

08/28/2023

