

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037102.D
 Acq On : 19 Aug 2023 02:27
 Operator : JC/MD
 Sample : VX0818WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0818WBSD02

Quant Time: Aug 21 01:37:27 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 :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117147	55.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.200%			
35) Dibromofluoromethane	5.385	113	93517	54.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.647	98	337388	54.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.020%			
62) 4-Bromofluorobenzene	11.079	95	133273	54.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36499	21.498	ug/l	99
3) Chloromethane	1.294	50	31485	21.198	ug/l	92
4) Vinyl Chloride	1.374	62	33755	20.879	ug/l	100
5) Bromomethane	1.599	94	19481	24.191	ug/l	99
6) Chloroethane	1.684	64	21767	22.879	ug/l	96
7) Trichlorofluoromethane	1.886	101	56685	21.404	ug/l	98
8) Diethyl Ether	2.136	74	20471	19.979	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	29828	19.306	ug/l	98
10) Methyl Iodide	2.453	142	40436	21.534	ug/l	94
11) Tert butyl alcohol	2.959	59	48056	97.226	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	29881	19.861	ug/l	90
13) Acrolein	2.233	56	31707	84.324	ug/l	98
14) Allyl chloride	2.660	41	45094	19.364	ug/l #	95
15) Acrylonitrile	3.062	53	87931	99.671	ug/l	100
16) Acetone	2.379	43	80128	97.207	ug/l	90
17) Carbon Disulfide	2.514	76	75730	19.789	ug/l	98
18) Methyl Acetate	2.703	43	61348	19.766	ug/l #	90
19) Methyl tert-butyl Ether	3.111	73	114171	20.009	ug/l	98
20) Methylene Chloride	2.788	84	35672	19.351	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	33706	19.708	ug/l	87
22) Diisopropyl ether	3.757	45	97091	20.318	ug/l #	96
23) Vinyl Acetate	3.721	43	370894	101.285	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	59935	20.001	ug/l	98
25) 2-Butanone	4.550	43	121245	97.687	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	32531	12.156	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	40216	19.946	ug/l	87
28) Bromochloromethane	4.903	49	30777	22.991	ug/l #	77
29) Tetrahydrofuran	5.001	42	77496	97.907	ug/l #	85
30) Chloroform	5.092	83	66977	19.911	ug/l	97
31) Cyclohexane	5.470	56	46599	19.668	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	59704	19.806	ug/l	96
36) 1,1-Dichloropropene	5.690	75	46118	18.850	ug/l	97
37) Ethyl Acetate	4.714	43	48365	19.352	ug/l #	95
38) Carbon Tetrachloride	5.672	117	51180	19.258	ug/l	98
39) Methylcyclohexane	7.379	83	48415	18.835	ug/l	93
40) Benzene	6.037	78	137964	19.662	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24687	19.002	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	54038	19.638	ug/l	96
43) Isopropyl Acetate	6.336	43	78212	19.712	ug/l #	93
44) Trichloroethene	7.129	130	37341	18.768	ug/l	94
45) 1,2-Dichloropropane	7.427	63	33838	19.558	ug/l	99
46) Dibromomethane	7.580	93	27657	20.292	ug/l	94
47) Bromodichloromethane	7.824	83	51383	19.683	ug/l	97
48) Methyl methacrylate	7.689	41	38085	19.682	ug/l #	87
49) 1,4-Dioxane	7.659	88	20217	387.947	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	240252	99.717	ug/l	92
52) Toluene	8.720	92	90646	19.552	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	50085	18.018	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	54655	18.195	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	37694	19.967	ug/l	99
56) Ethyl methacrylate	9.116	69	58750	19.868	ug/l	89
57) 1,3-Dichloropropane	9.305	76	64038	20.123	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	143579	101.181	ug/l	94
59) 2-Hexanone	9.427	43	185053	100.733	ug/l	91
60) Dibromochloromethane	9.518	129	40484	20.142	ug/l	99
61) 1,2-Dibromoethane	9.610	107	40943	19.809	ug/l	99
64) Tetrachloroethene	9.275	164	33595	19.082	ug/l	99
65) Chlorobenzene	10.079	112	98620	19.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37367	19.850	ug/l	98
67) Ethyl Benzene	10.195	91	174082	19.396	ug/l	100
68) m/p-Xylenes	10.299	106	134163	38.709	ug/l	100
69) o-Xylene	10.640	106	66934	19.574	ug/l	100
70) Styrene	10.652	104	110446	19.608	ug/l	98
71) Bromoform	10.799	173	28390	20.161	ug/l #	100
73) Isopropylbenzene	10.963	105	171089	20.132	ug/l	100
74) N-amyl acetate	10.841	43	66816	20.234	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	57923	20.239	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	49164m	19.745	ug/l	
77) Bromobenzene	11.195	156	41685	20.084	ug/l	94
78) n-propylbenzene	11.305	91	191644	20.252	ug/l	100
79) 2-Chlorotoluene	11.366	91	121344	20.066	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	145128	20.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13637	15.297	ug/l	94
82) 4-Chlorotoluene	11.451	91	138529	19.845	ug/l	98
83) tert-Butylbenzene	11.713	119	135748	20.079	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	146173	20.402	ug/l	97
85) sec-Butylbenzene	11.890	105	161605	20.464	ug/l	99
86) p-Isopropyltoluene	12.006	119	138542	20.380	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75551	19.443	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	77187	19.226	ug/l	99
89) n-Butylbenzene	12.329	91	110187	19.550	ug/l	99
90) Hexachloroethane	12.536	117	22290	19.645	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	75028	19.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12588	18.929	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	40311	18.106	ug/l	97
94) Hexachlorobutadiene	13.725	225	17303	20.117	ug/l	96
95) Naphthalene	13.774	128	157215	16.120	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40933	18.505	ug/l	98

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

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