

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034809.D
 Acq On : 28 Mar 2023 21:28
 Operator : JC/MD
 Sample : VX0328WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD02

Quant Time: Mar 29 04:09:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	229651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	395023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179967	53.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.740%			
35) Dibromofluoromethane	5.385	113	136975	52.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.647	98	493088	50.644	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.079	95	192010	48.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44602	20.833	ug/l	100
3) Chloromethane	1.294	50	58986	17.330	ug/l	100
4) Vinyl Chloride	1.373	62	58800	20.170	ug/l	97
5) Bromomethane	1.617	94	40894	27.803	ug/l	100
6) Chloroethane	1.690	64	38529	22.955	ug/l	99
7) Trichlorofluoromethane	1.892	101	97902	22.351	ug/l	100
8) Diethyl Ether	2.129	74	35470	22.182	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	50554	19.804	ug/l	97
10) Methyl Iodide	2.453	142	57451	17.142	ug/l	96
11) Tert butyl alcohol	2.983	59	60579m	87.073	ug/l	
12) 1,1-Dichloroethene	2.318	96	48447	19.270	ug/l	93
13) Acrolein	2.239	56	50807	92.311	ug/l	97
14) Allyl chloride	2.666	41	94409	18.523	ug/l	96
15) Acrylonitrile	3.068	53	149096	99.205	ug/l	98
16) Acetone	2.385	43	135358	86.009	ug/l	98
17) Carbon Disulfide	2.514	76	104812	14.814	ug/l	99
18) Methyl Acetate	2.703	43	111585	21.700	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	182712	20.298	ug/l	100
20) Methylene Chloride	2.788	84	59060	19.336	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	53406	20.003	ug/l	98
22) Diisopropyl ether	3.757	45	201534	20.739	ug/l	99
23) Vinyl Acetate	3.721	43	718542	97.154	ug/l	97
24) 1,1-Dichloroethane	3.611	63	105969	20.286	ug/l	98
25) 2-Butanone	4.562	43	210760	93.595	ug/l	100
26) 2,2-Dichloropropane	4.477	77	78576	17.305	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	63572	19.779	ug/l	99
28) Bromochloromethane	4.903	49	53974	22.221	ug/l	97
29) Tetrahydrofuran	5.007	42	137056	98.636	ug/l	99
30) Chloroform	5.092	83	107669	21.027	ug/l	95
31) Cyclohexane	5.470	56	90964	19.414	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	91546	20.195	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77315	19.300	ug/l	99
37) Ethyl Acetate	4.714	43	86616	19.792	ug/l	100
38) Carbon Tetrachloride	5.678	117	71461	17.932	ug/l	99
39) Methylcyclohexane	7.378	83	80615	16.816	ug/l	96
40) Benzene	6.037	78	230672	19.684	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48211	20.101	ug/l	97
42) 1,2-Dichloroethane	6.086	62	90272	20.960	ug/l	100
43) Isopropyl Acetate	6.342	43	140787	18.990	ug/l	99
44) Trichloroethene	7.122	130	57849	18.999	ug/l	93
45) 1,2-Dichloropropane	7.427	63	60346	19.722	ug/l	99
46) Dibromomethane	7.580	93	40993	19.706	ug/l	99
47) Bromodichloromethane	7.824	83	72635	18.041	ug/l	99
48) Methyl methacrylate	7.689	41	69871	19.596	ug/l	99
49) 1,4-Dioxane	7.696	88	26317	351.397	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	435913	101.355	ug/l	99
52) Toluene	8.720	92	144627	19.934	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	77021	16.981	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87861	17.904	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	58898	20.455	ug/l	100
56) Ethyl methacrylate	9.116	69	90867	19.221	ug/l	98
57) 1,3-Dichloropropane	9.305	76	101598	19.853	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	225272	92.462	ug/l	99
59) 2-Hexanone	9.427	43	322655	97.050	ug/l	99
60) Dibromochloromethane	9.518	129	51922	17.194	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59507	19.152	ug/l	100
64) Tetrachloroethene	9.274	164	50787	21.547	ug/l	98
65) Chlorobenzene	10.079	112	151832	19.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52436	18.701	ug/l	99
67) Ethyl Benzene	10.195	91	277542	20.138	ug/l	97
68) m/p-Xylenes	10.299	106	207383	39.170	ug/l	97
69) o-Xylene	10.640	106	102908	19.369	ug/l	98
70) Styrene	10.652	104	169628	19.788	ug/l	99
71) Bromoform	10.799	173	31987	14.820	ug/l #	99
73) Isopropylbenzene	10.963	105	265255	20.095	ug/l	100
74) N-amyl acetate	10.841	43	122355	19.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	89098	20.227	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72542m	18.498	ug/l	
77) Bromobenzene	11.201	156	64570	20.388	ug/l	97
78) n-propylbenzene	11.305	91	301946	19.807	ug/l	99
79) 2-Chlorotoluene	11.366	91	191826	20.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	217606	19.654	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19350	13.349	ug/l #	80
82) 4-Chlorotoluene	11.451	91	217656	20.070	ug/l	99
83) tert-Butylbenzene	11.713	119	204928	18.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	221556	19.580	ug/l	98
85) sec-Butylbenzene	11.890	105	249577	18.287	ug/l	99
86) p-Isopropyltoluene	12.006	119	206189	17.976	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	117079	18.868	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	119390	19.028	ug/l	99
89) n-Butylbenzene	12.335	91	177584	17.416	ug/l	98
90) Hexachloroethane	12.536	117	30469	14.356	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	118761	19.804	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	17419	17.405	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	67783	18.075	ug/l	99
94) Hexachlorobutadiene	13.725	225	25734	17.033	ug/l	97
95) Naphthalene	13.774	128	252588	20.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67604	18.442	ug/l	98

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

