

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034828.D
 Acq On : 29 Mar 2023 15:13
 Operator : JC/MD
 Sample : VX0329WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBS01

Quant Time: Apr 01 01:59:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/01/2023
 Supervised By :Mahesh Dadoda 04/03/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	287673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	491570	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204852	46.562	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.385	113	150949	46.427	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.860%		
50) Toluene-d8	8.647	98	568894	47.404	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.800%		
62) 4-Bromofluorobenzene	11.079	95	213820	46.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52967	18.460	ug/l	95
3) Chloromethane	1.294	50	67737	18.856	ug/l	97
4) Vinyl Chloride	1.374	62	67423	18.955	ug/l	97
5) Bromomethane	1.617	94	46258	20.013	ug/l	96
6) Chloroethane	1.691	64	43728	18.895	ug/l	95
7) Trichlorofluoromethane	1.892	101	107979	18.883	ug/l	100
8) Diethyl Ether	2.130	74	37644	18.673	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	55450	18.553	ug/l	98
10) Methyl Iodide	2.453	142	65707	17.654	ug/l	94
11) Tert butyl alcohol	2.995	59	75528m	97.845	ug/l	
12) 1,1-Dichloroethene	2.319	96	55245	18.706	ug/l	93
13) Acrolein	2.239	56	78090	98.274	ug/l	99
14) Allyl chloride	2.666	41	105408	18.218	ug/l	96
15) Acrylonitrile	3.068	53	168817	97.159	ug/l	99
16) Acetone	2.392	43	157016	87.854	ug/l	98
17) Carbon Disulfide	2.514	76	135559	18.328	ug/l	100
18) Methyl Acetate	2.703	43	123364	19.427	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	200618	18.348	ug/l	98
20) Methylene Chloride	2.788	84	63794	18.088	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	58749	18.240	ug/l	94
22) Diisopropyl ether	3.757	45	216881	18.578	ug/l	98
23) Vinyl Acetate	3.721	43	802441	96.378	ug/l	98
24) 1,1-Dichloroethane	3.611	63	114632	18.250	ug/l	97
25) 2-Butanone	4.562	43	245994	94.621	ug/l	99
26) 2,2-Dichloropropane	4.471	77	89410	17.309	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	70024	18.348	ug/l	98
28) Bromochloromethane	4.897	49	61531	20.025	ug/l	99
29) Tetrahydrofuran	5.007	42	160139	98.326	ug/l	98
30) Chloroform	5.092	83	118899	18.637	ug/l	97
31) Cyclohexane	5.470	56	101774	18.998	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	99729	18.318	ug/l	98
36) 1,1-Dichloropropene	5.690	75	87129	18.088	ug/l	99
37) Ethyl Acetate	4.714	43	96707	19.200	ug/l	100
38) Carbon Tetrachloride	5.684	117	81527	17.952	ug/l	97
39) Methylcyclohexane	7.379	83	93687	18.316	ug/l	97
40) Benzene	6.037	78	253522	18.335	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52865	19.300	ug/l	97
42) 1,2-Dichloroethane	6.086	62	99203	18.046	ug/l	99
43) Isopropyl Acetate	6.336	43	158919	18.859	ug/l	99
44) Trichloroethene	7.123	130	64908	18.389	ug/l	100
45) 1,2-Dichloropropane	7.427	63	66090	18.342	ug/l	97
46) Dibromomethane	7.580	93	44488	17.944	ug/l	99
47) Bromodichloromethane	7.818	83	82015	17.909	ug/l	96
48) Methyl methacrylate	7.696	41	76080	18.385	ug/l	97
49) 1,4-Dioxane	7.708	88	33059	387.644	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	490428	98.339	ug/l	98
52) Toluene	8.720	92	159920	17.738	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	88792	18.024	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	97542	18.092	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	63998	18.755	ug/l	99
56) Ethyl methacrylate	9.116	69	100966	18.885	ug/l	97
57) 1,3-Dichloropropane	9.305	76	112110	18.552	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278925	102.462	ug/l	100
59) 2-Hexanone	9.427	43	369687	98.007	ug/l	99
60) Dibromochloromethane	9.518	129	58518	18.003	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67598	19.051	ug/l	98
64) Tetrachloroethene	9.275	164	55659	17.827	ug/l	94
65) Chlorobenzene	10.079	112	167087	18.407	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	58442	18.724	ug/l	100
67) Ethyl Benzene	10.195	91	309116	18.798	ug/l	99
68) m/p-Xylenes	10.299	106	232944	37.084	ug/l	98
69) o-Xylene	10.640	106	115308	18.739	ug/l	98
70) Styrene	10.652	104	184585	18.791	ug/l	99
71) Bromoform	10.799	173	37688	17.753	ug/l #	99
73) Isopropylbenzene	10.963	105	293006	19.019	ug/l	99
74) N-amyl acetate	10.841	43	135599	19.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	97126	19.236	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79875m	18.848	ug/l	
77) Bromobenzene	11.195	156	69859	18.300	ug/l	100
78) n-propylbenzene	11.305	91	336547	18.910	ug/l	98
79) 2-Chlorotoluene	11.366	91	209431	18.638	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	242998	18.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23031	16.287	ug/l #	81
82) 4-Chlorotoluene	11.451	91	242927	18.617	ug/l	99
83) tert-Butylbenzene	11.713	119	226104	18.693	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	243797	18.611	ug/l	98
85) sec-Butylbenzene	11.890	105	272991	18.551	ug/l	100
86) p-Isopropyltoluene	12.012	119	229403	18.696	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	130245	18.735	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	130858	18.022	ug/l	98
89) n-Butylbenzene	12.329	91	194344	18.128	ug/l	98
90) Hexachloroethane	12.536	117	34788	18.299	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	129837	18.648	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19966	18.944	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	72942	18.523	ug/l	99
94) Hexachlorobutadiene	13.725	225	28962	16.722	ug/l	98
95) Naphthalene	13.774	128	272182	19.452	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71833	18.089	ug/l	99

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

