

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034823.D
 Acq On : 29 Mar 2023 11:55
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 11:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 11:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	272144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196373	47.182	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.360%		
35) Dibromofluoromethane	5.385	113	147958	48.373	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	555124	49.170	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	204426	46.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	884	0.332	ug/l	96
3) Chloromethane	1.294	50	935	0.275	ug/l	98
4) Vinyl Chloride	1.374	62	980	0.293	ug/l	90
5) Bromomethane	1.617	94	862	0.394	ug/l #	79
7) Trichlorofluoromethane	1.892	101	1266	0.234	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	994	0.348	ug/l	92
10) Methyl Iodide	2.453	142	1229	0.349	ug/l #	89
11) Tert butyl alcohol	3.001	59	310	0.426	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	708	0.258	ug/l #	51
13) Acrolein	2.245	56	1305	1.736	ug/l	89
14) Allyl chloride	2.660	41	1442	0.265	ug/l #	95
15) Acrylonitrile	3.075	53	2174	1.338	ug/l	89
16) Acetone	2.398	43	2038	1.210	ug/l #	82
17) Carbon Disulfide	2.514	76	10742	1.520	ug/l	97
20) Methylene Chloride	2.794	84	1383	0.410	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1761	0.571	ug/l	92
23) Vinyl Acetate	3.727	43	3285	0.421	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	742	0.209	ug/l	97
28) Bromochloromethane	4.916	49	588	0.202	ug/l #	76
31) Cyclohexane	5.483	56	1308	0.258	ug/l #	69
36) 1,1-Dichloropropene	5.690	75	929	0.206	ug/l #	59
38) Carbon Tetrachloride	5.556	117	28740	6.699	ug/l #	15
39) Methylcyclohexane	7.373	83	1676	0.349	ug/l	87
42) 1,2-Dichloroethane	6.111	62	1202	0.236	ug/l #	75
44) Trichloroethene	7.123	130	1284	0.387	ug/l	59
46) Dibromomethane	7.592	93	697	0.304	ug/l #	84
49) 1,4-Dioxane	7.738	88	79	1.009	ug/l #	23
51) 4-Methyl-2-Pentanone	8.580	43	1061	0.228	ug/l	94
52) Toluene	8.720	92	2177	0.261	ug/l	100
53) t-1,3-Dichloropropene	8.994	75	1026	0.221	ug/l #	85
58) 2-Chloroethyl Vinyl ether	8.257	63	1112	0.436	ug/l #	88
59) 2-Hexanone	9.445	43	1105	0.313	ug/l	100
64) Tetrachloroethene	9.275	164	1136	0.391	ug/l #	80
65) Chlorobenzene	10.079	112	2373	0.283	ug/l	96
67) Ethyl Benzene	10.195	91	3520	0.230	ug/l #	85
68) m/p-Xylenes	10.305	106	3078	0.532	ug/l	92

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

69) o-Xylene	10.646	106	1174	0.204	ug/l	81
71) Bromoform	10.805	173	142	3.383	ug/l #	29
73) Isopropylbenzene	10.963	105	3027	0.232	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	111705	30.212	ug/l #	34
77) Bromobenzene	11.195	156	932	0.292	ug/l	87
78) n-propylbenzene	11.305	91	5700	0.378	ug/l	94
79) 2-Chlorotoluene	11.372	91	3049	0.315	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	3255	0.296	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	111705	80.699	ug/l #	8
82) 4-Chlorotoluene	11.457	91	5046	0.454	ug/l	99
83) tert-Butylbenzene	11.713	119	4298	0.421	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	3684	0.332	ug/l	96
85) sec-Butylbenzene	11.890	105	14037	1.112	ug/l	98
86) p-Isopropyltoluene	12.012	119	10866	1.036	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3109	0.521	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	3109	0.504	ug/l	93
89) n-Butylbenzene	12.335	91	21209	2.321	ug/l	98
90) Hexachloroethane	12.536	117	1334	1.522	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	2443	0.414	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	214	2.280	ug/l #	29
93) 1,2,4-Trichlorobenzene	13.591	180	6883	2.016	ug/l	99
94) Hexachlorobutadiene	13.725	225	10336	7.576	ug/l	99
95) Naphthalene	13.774	128	13115	1.092	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7019	2.056	ug/l	97

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

