

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040822.D
 Acq On : 28 Mar 2024 12:24
 Operator : JC/MD
 Sample : VX0328WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBS01

Quant Time: Mar 29 04:21:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2024
 Supervised By : Mahesh Dadoda 03/29/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	48764	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	78971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	43090	52.552	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.100%			
35) Dibromofluoromethane	5.385	113	30408	51.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.647	98	101726	50.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.079	95	38132	47.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10038	15.907	ug/l	99
3) Chloromethane	1.300	50	9473	14.677	ug/l	98
4) Vinyl Chloride	1.373	62	10037	16.423	ug/l	96
5) Bromomethane	1.611	94	6993	16.974	ug/l	97
6) Chloroethane	1.690	64	6129	14.267	ug/l	94
7) Trichlorofluoromethane	1.892	101	17757	16.605	ug/l	94
8) Diethyl Ether	2.136	74	5998	17.450	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	10206	16.597	ug/l	99
10) Methyl Iodide	2.453	142	13299	16.334	ug/l	96
11) Tert butyl alcohol	2.952	59	13739	104.637	ug/l #	88
12) 1,1-Dichloroethene	2.318	96	9312	16.167	ug/l	95
13) Acrolein	2.233	56	6534	84.090	ug/l	95
14) Allyl chloride	2.666	41	17707	17.153	ug/l	90
15) Acrylonitrile	3.062	53	30677	94.643	ug/l	97
16) Acetone	2.379	43	29950	103.124	ug/l	99
17) Carbon Disulfide	2.513	76	23206	14.026	ug/l	99
18) Methyl Acetate	2.702	43	14913	19.159	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	35455	17.835	ug/l	100
20) Methylene Chloride	2.788	84	10637	16.755	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	9744	16.025	ug/l	97
22) Diisopropyl ether	3.757	45	35570	17.659	ug/l #	85
23) Vinyl Acetate	3.721	43	169197	88.862	ug/l	99
24) 1,1-Dichloroethane	3.611	63	19929	17.225	ug/l	98
25) 2-Butanone	4.550	43	45406	99.816	ug/l	100
26) 2,2-Dichloropropane	4.470	77	17137	16.976	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	12109	17.192	ug/l	97
28) Bromochloromethane	4.897	49	9960	18.822	ug/l	98
29) Tetrahydrofuran	5.001	42	30399	100.467	ug/l	99
30) Chloroform	5.092	83	21969	17.736	ug/l	99
31) Cyclohexane	5.464	56	16148	16.575	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	19231	18.063	ug/l	98
36) 1,1-Dichloropropene	5.696	75	14283	16.417	ug/l	97
37) Ethyl Acetate	4.714	43	17882	18.100	ug/l	98
38) Carbon Tetrachloride	5.678	117	16480	16.829	ug/l	99
39) Methylcyclohexane	7.378	83	15732	16.321	ug/l	97
40) Benzene	6.037	78	41916	17.447	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9945	19.466	ug/l	95
42) 1,2-Dichloroethane	6.086	62	18909	19.450	ug/l	97
43) Isopropyl Acetate	6.336	43	27869	17.964	ug/l	96
44) Trichloroethene	7.122	130	10012	17.387	ug/l	100
45) 1,2-Dichloropropane	7.433	63	10439	18.520	ug/l	91
46) Dibromomethane	7.586	93	7993	17.904	ug/l	99
47) Bromodichloromethane	7.824	83	16165	17.721	ug/l	93
48) Methyl methacrylate	7.689	41	13304	18.762	ug/l	92
49) 1,4-Dioxane	7.659	88	5058	422.657	ug/l #	100
51) 4-Methyl-2-Pentanone	8.573	43	91473	95.075	ug/l	97
52) Toluene	8.720	92	25280	17.643	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	15617	16.550	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	16351	16.754	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	10229	17.531	ug/l	89
56) Ethyl methacrylate	9.116	69	17194	17.629	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	17392	17.467	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	43513	85.009	ug/l	97
59) 2-Hexanone	9.427	43	73122	98.110	ug/l	94
60) Dibromochloromethane	9.518	129	11745	17.129	ug/l	98
61) 1,2-Dibromoethane	9.610	107	10826	17.570	ug/l	98
64) Tetrachloroethene	9.274	164	8419	16.143	ug/l	97
65) Chlorobenzene	10.079	112	28664	18.050	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	9608	17.780	ug/l	98
67) Ethyl Benzene	10.195	91	51121	17.975	ug/l	99
68) m/p-Xylenes	10.299	106	37143	35.672	ug/l	93
69) o-Xylene	10.640	106	17323	17.318	ug/l	91
70) Styrene	10.652	104	30026	17.931	ug/l	96
71) Bromoform	10.799	173	7880	17.854	ug/l #	95
73) Isopropylbenzene	10.963	105	47825	17.170	ug/l	98
74) N-amyl acetate	10.841	43	24483	17.852	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	17151	18.188	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	14483m	18.344	ug/l	
77) Bromobenzene	11.195	156	11338	16.817	ug/l	97
78) n-propylbenzene	11.305	91	59793	17.410	ug/l	98
79) 2-Chlorotoluene	11.359	91	35571	17.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	42221	18.081	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5025	16.101	ug/l	92
82) 4-Chlorotoluene	11.451	91	42961	17.284	ug/l	99
83) tert-Butylbenzene	11.713	119	41336	17.650	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	42651	18.148	ug/l	99
85) sec-Butylbenzene	11.890	105	51848	17.409	ug/l	100
86) p-Isopropyltoluene	12.006	119	44550	18.039	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	22874	17.766	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	23178	16.951	ug/l	99
89) n-Butylbenzene	12.329	91	42228	16.956	ug/l	96
90) Hexachloroethane	12.536	117	7386	17.176	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	22252	17.591	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4015	17.053	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	13941	15.507	ug/l	97
94) Hexachlorobutadiene	13.725	225	5795	16.354	ug/l	94
95) Naphthalene	13.774	128	50059	17.600	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14493	16.408	ug/l	99

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

