

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039655.D
 Acq On : 08 Jan 2024 10:53
 Operator : JC/MD
 Sample : VX0108WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0108WBS01

Quant Time: Jan 09 04:30:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/09/2024
 Supervised By : Mahesh Dadoda 01/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	104592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	190382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88375	46.124	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.240%		
35) Dibromofluoromethane	5.385	113	65783	50.016	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.040%		
50) Toluene-d8	8.647	98	239008	48.948	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	95175	47.241	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24630	16.758	ug/l	95
3) Chloromethane	1.294	50	27482	16.867	ug/l	100
4) Vinyl Chloride	1.374	62	26860	17.725	ug/l	97
5) Bromomethane	1.605	94	18414	21.122	ug/l	96
6) Chloroethane	1.685	64	16452	18.016	ug/l	100
7) Trichlorofluoromethane	1.886	101	40120	18.081	ug/l	97
8) Diethyl Ether	2.130	74	15293	19.914	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25167	18.586	ug/l	96
10) Methyl Iodide	2.453	142	22811	16.298	ug/l	94
11) Tert butyl alcohol	2.947	59	37692	78.337	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	23755	17.662	ug/l	94
13) Acrolein	2.233	56	29059	75.705	ug/l	97
14) Allyl chloride	2.666	41	48107	17.656	ug/l	96
15) Acrylonitrile	3.056	53	91040	94.530	ug/l	99
16) Acetone	2.374	43	90397	63.644	ug/l	90
17) Carbon Disulfide	2.514	76	59410	15.094	ug/l	99
18) Methyl Acetate	2.697	43	85786	20.700	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	89186	18.335	ug/l	96
20) Methylene Chloride	2.788	84	29112	18.226	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	25720	17.574	ug/l	90
22) Diisopropyl ether	3.757	45	96194	19.395	ug/l	96
23) Vinyl Acetate	3.721	43	339050	91.823	ug/l	99
24) 1,1-Dichloroethane	3.605	63	51993	18.545	ug/l	98
25) 2-Butanone	4.544	43	133801	80.924	ug/l	98
26) 2,2-Dichloropropane	4.477	77	41847	17.096	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	30143	18.660	ug/l	99
28) Bromochloromethane	4.891	49	27305	19.960	ug/l	95
29) Tetrahydrofuran	4.995	42	86020	94.208	ug/l	99
30) Chloroform	5.093	83	52235	18.643	ug/l	100
31) Cyclohexane	5.471	56	42728	17.265	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	43530	17.897	ug/l	98
36) 1,1-Dichloropropene	5.690	75	37736	18.182	ug/l	99
37) Ethyl Acetate	4.708	43	46049	17.958	ug/l	98
38) Carbon Tetrachloride	5.678	117	34659	17.498	ug/l	96
39) Methylcyclohexane	7.379	83	44869	17.997	ug/l	97
40) Benzene	6.037	78	110868	18.884	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25955	18.971	ug/l	98
42) 1,2-Dichloroethane	6.086	62	43392	18.258	ug/l	99
43) Isopropyl Acetate	6.336	43	76669	18.387	ug/l	99
44) Trichloroethene	7.123	130	27059	18.264	ug/l	90
45) 1,2-Dichloropropane	7.427	63	29957	19.012	ug/l	97
46) Dibromomethane	7.580	93	20356	18.378	ug/l	97
47) Bromodichloromethane	7.818	83	39349	18.580	ug/l	90
48) Methyl methacrylate	7.690	41	45503	18.666	ug/l	96
49) 1,4-Dioxane	7.653	88	12990	395.325	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	258600	97.338	ug/l	99
52) Toluene	8.720	92	67447	19.034	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	40690	17.451	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	46031	18.348	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	28534	19.288	ug/l	91
56) Ethyl methacrylate	9.116	69	34657	19.190	ug/l	94
57) 1,3-Dichloropropane	9.305	76	49304	19.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	92813	87.523	ug/l	95
59) 2-Hexanone	9.427	43	206747	90.170	ug/l	98
60) Dibromochloromethane	9.519	129	27633	18.469	ug/l	97
61) 1,2-Dibromoethane	9.610	107	30094	19.056	ug/l	99
64) Tetrachloroethene	9.275	164	20698	18.070	ug/l	95
65) Chlorobenzene	10.079	112	70353	18.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	25617	18.955	ug/l	99
67) Ethyl Benzene	10.195	91	132937	18.666	ug/l	98
68) m/p-Xylenes	10.299	106	97148	38.044	ug/l	96
69) o-Xylene	10.640	106	47143	19.094	ug/l	97
70) Styrene	10.653	104	68503	18.979	ug/l	94
71) Bromoform	10.799	173	19169	19.082	ug/l #	97
73) Isopropylbenzene	10.963	105	125161	18.757	ug/l	99
74) N-amyl acetate	10.842	43	61855	18.322	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	49312	19.866	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	41324m	18.469	ug/l	
77) Bromobenzene	11.195	156	27800	18.840	ug/l	92
78) n-propylbenzene	11.305	91	155469	18.910	ug/l	97
79) 2-Chlorotoluene	11.360	91	92210	18.543	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	108015	19.002	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12364	15.588	ug/l	99
82) 4-Chlorotoluene	11.451	91	107362	18.381	ug/l	98
83) tert-Butylbenzene	11.713	119	104613	19.337	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	108845	18.672	ug/l	99
85) sec-Butylbenzene	11.890	105	132797	19.291	ug/l	97
86) p-Isopropyltoluene	12.006	119	110780	19.175	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	55085	19.002	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	55045	18.237	ug/l	98
89) n-Butylbenzene	12.329	91	109241	19.235	ug/l	96
90) Hexachloroethane	12.536	117	18313	17.548	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	52812	19.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11230	17.176	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	34059	18.753	ug/l	96
94) Hexachlorobutadiene	13.725	225	13074	19.102	ug/l	96
95) Naphthalene	13.774	128	121653	19.233	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	33912	19.342	ug/l	99

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

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