

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018090.D
 Acq On : 01 May 2024 10:09
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

Quant Time: May 01 16:02:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 14:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	362251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	569529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	477608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50047	17.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.060%#		
35) Dibromofluoromethane	7.716	113	63565	19.422	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	38.840%#		
50) Toluene-d8	10.179	98	246845	19.319	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.640%#		
62) 4-Bromofluorobenzene	12.483	95	81028	18.427	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	56404	19.506	ug/l	99
3) Chloromethane	2.107	50	75037	19.860	ug/l	96
4) Vinyl Chloride	2.241	62	79213	19.378	ug/l	95
5) Bromomethane	2.644	94	46700	18.508	ug/l	97
6) Chloroethane	2.790	64	48022	18.863	ug/l	99
7) Trichlorofluoromethane	3.119	101	104696	19.238	ug/l	96
8) Diethyl Ether	3.522	74	30629	17.528	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	63515	18.701	ug/l	92
10) Methyl Iodide	4.082	142	85949	19.094	ug/l	97
11) Tert butyl alcohol	4.960	59	18803	82.607	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	64878	18.733	ug/l	95
13) Acrolein	3.723	56	29044	83.850	ug/l	96
14) Allyl chloride	4.466	41	84013	18.348	ug/l	98
15) Acrylonitrile	5.149	53	54322	82.762	ug/l	98
16) Acetone	3.936	43	37727	68.345	ug/l	90
17) Carbon Disulfide	4.186	76	196638	19.015	ug/l	97
18) Methyl Acetate	4.473	43	21487	15.423	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	138867	17.474	ug/l	97
20) Methylene Chloride	4.698	84	68759	18.039	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	69765	18.950	ug/l	93
22) Diisopropyl ether	6.113	45	166966	17.705	ug/l	98
23) Vinyl Acetate	6.052	43	495596	82.857	ug/l	100
24) 1,1-Dichloroethane	6.009	63	104188	18.296	ug/l	98
25) 2-Butanone	6.978	43	65962	77.945	ug/l	91
26) 2,2-Dichloropropane	6.978	77	99755	18.731	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	79635	18.138	ug/l	96
28) Bromochloromethane	7.326	49	41166	17.888	ug/l	90
29) Tetrahydrofuran	7.344	42	42296	78.619	ug/l	96
30) Chloroform	7.496	83	112273	18.632	ug/l	97
31) Cyclohexane	7.777	56	101737	18.595	ug/l	85
32) 1,1,1-Trichloroethane	7.698	97	104780	19.051	ug/l	99
36) 1,1-Dichloropropene	7.911	75	82536	18.892	ug/l	96
37) Ethyl Acetate	7.070	43	30391	15.985	ug/l #	93
38) Carbon Tetrachloride	7.899	117	94403	19.038	ug/l	98
39) Methylcyclohexane	9.179	83	123455	19.239	ug/l	97
40) Benzene	8.155	78	264032	18.808	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	18586	15.595	ug/l	95
42) 1,2-Dichloroethane	8.228	62	57489	17.676	ug/l	97
43) Isopropyl Acetate	8.265	43	67556	16.913	ug/l	97
44) Trichloroethene	8.935	130	76094	19.114	ug/l	92
45) 1,2-Dichloropropane	9.210	63	55744	18.199	ug/l	96
46) Dibromomethane	9.307	93	32092	17.233	ug/l	92
47) Bromodichloromethane	9.490	83	82812	18.114	ug/l	99
48) Methyl methacrylate	9.289	41	32053	17.531	ug/l	91
49) 1,4-Dioxane	9.307	88	6852	331.642	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	161412	82.740	ug/l	97
52) Toluene	10.240	92	174537	18.785	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	77845	17.622	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94685	18.245	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	43815	17.493	ug/l	97
56) Ethyl methacrylate	10.508	69	59156	16.705	ug/l #	87
57) 1,3-Dichloropropane	10.789	76	70533	17.627	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	143208	86.629	ug/l	91
59) 2-Hexanone	10.831	43	109942	78.961	ug/l	96
60) Dibromochloromethane	10.984	129	59070	17.363	ug/l	97
61) 1,2-Dibromoethane	11.087	107	41601	17.333	ug/l	98
64) Tetrachloroethene	10.715	164	67677	19.575	ug/l	98
65) Chlorobenzene	11.514	112	190891	18.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	62642	18.473	ug/l	99
67) Ethyl Benzene	11.593	91	323615	19.143	ug/l	96
68) m/p-Xylenes	11.697	106	258050	38.095	ug/l	97
69) o-Xylene	12.026	106	124099	19.070	ug/l	93
70) Styrene	12.044	104	202766	18.514	ug/l	99
71) Bromoform	12.209	173	33936	17.077	ug/l #	99
73) Isopropylbenzene	12.325	105	318527	19.289	ug/l	98
74) N-amyl acetate	12.142	43	62197	17.160	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	45945	17.485	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	31387m	9.216	ug/l	
77) Bromobenzene	12.605	156	73533	18.740	ug/l	90
78) n-propylbenzene	12.672	91	365046	19.197	ug/l	96
79) 2-Chlorotoluene	12.752	91	201278	18.637	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	250103	18.792	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	17254	17.070	ug/l	98
82) 4-Chlorotoluene	12.855	91	204177	18.449	ug/l	95
83) tert-Butylbenzene	13.075	119	236654	19.422	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	244411	18.746	ug/l	97
85) sec-Butylbenzene	13.252	105	341455	19.528	ug/l	97
86) p-Isopropyltoluene	13.367	119	281649	19.328	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	141304	18.828	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	138965	18.787	ug/l	99
89) n-Butylbenzene	13.697	91	251015	19.465	ug/l	98
90) Hexachloroethane	13.959	117	56349	19.033	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	120837	18.478	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6820	17.206	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	69898	19.124	ug/l	99
94) Hexachlorobutadiene	15.111	225	40937	20.234	ug/l	97
95) Naphthalene	15.233	128	117837	17.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57452	18.838	ug/l	98

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

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