

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017902.D
 Acq On : 11 Apr 2024 11:26
 Operator : SY/MD
 Sample : VY0411SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBS01

Quant Time: Apr 12 04:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/12/2024
 Supervised By :Semsettin Yesilyurt 04/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72675	60.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.200%			
35) Dibromofluoromethane	7.722	113	77179	60.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.780%			
50) Toluene-d8	10.185	98	283307	59.346	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 118.700%			
62) 4-Bromofluorobenzene	12.483	95	84584	58.236	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19335	20.689	ug/l	99
3) Chloromethane	2.113	50	32854	18.012	ug/l	98
4) Vinyl Chloride	2.247	62	53466	22.429	ug/l	99
5) Bromomethane	2.643	94	51319	26.626	ug/l	100
6) Chloroethane	2.790	64	42334	27.219	ug/l	94
7) Trichlorofluoromethane	3.119	101	48295	20.775	ug/l	99
8) Diethyl Ether	3.527	74	12561	18.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	28037	20.111	ug/l	97
10) Methyl Iodide	4.088	142	23209	15.309	ug/l	99
11) Tert butyl alcohol	4.948	59	12536	130.439	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	22660	17.370	ug/l	97
13) Acrolein	3.728	56	6905	81.504	ug/l	99
14) Allyl chloride	4.478	41	25288	15.800	ug/l #	85
15) Acrylonitrile	5.161	53	27460	95.267	ug/l	97
16) Acetone	3.948	43	24229	96.931	ug/l #	84
17) Carbon Disulfide	4.192	76	40498	10.970	ug/l	100
18) Methyl Acetate	4.472	43	10566	19.084	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	61188	20.485	ug/l	96
20) Methylene Chloride	4.710	84	30958	18.541	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	24306	17.411	ug/l	97
22) Diisopropyl ether	6.118	45	70298	19.004	ug/l	94
23) Vinyl Acetate	6.057	43	202518	89.668	ug/l	99
24) 1,1-Dichloroethane	6.015	63	48232	19.645	ug/l	99
25) 2-Butanone	6.984	43	33231	93.323	ug/l	95
26) 2,2-Dichloropropane	6.978	77	42741	20.155	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	32594	19.756	ug/l	98
28) Bromochloromethane	7.338	49	18271	18.299	ug/l	99
29) Tetrahydrofuran	7.356	42	19364	90.629	ug/l	99
30) Chloroform	7.508	83	55101	21.630	ug/l	94
31) Cyclohexane	7.789	56	32389m	15.204	ug/l	
32) 1,1,1-Trichloroethane	7.709	97	45123	20.812	ug/l	96
36) 1,1-Dichloropropene	7.923	75	33218	17.814	ug/l	97
37) Ethyl Acetate	7.075	43	14439	17.944	ug/l	95
38) Carbon Tetrachloride	7.905	117	38487	19.882	ug/l	98
39) Methylcyclohexane	9.185	83	35813	15.376	ug/l	95
40) Benzene	8.161	78	106836	18.591	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8535m	20.776	ug/l	
42) 1,2-Dichloroethane	8.240	62	28423	20.095	ug/l	98
43) Isopropyl Acetate	8.276	43	27883	19.094	ug/l	99
44) Trichloroethene	8.941	130	28721	19.210	ug/l	92
45) 1,2-Dichloropropane	9.221	63	25592	19.165	ug/l	98
46) Dibromomethane	9.307	93	15549	20.496	ug/l	98
47) Bromodichloromethane	9.502	83	41154	21.469	ug/l	97
48) Methyl methacrylate	9.295	41	11304	20.165	ug/l #	87
49) 1,4-Dioxane	9.313	88	3498	410.729	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	74768	111.656	ug/l	99
52) Toluene	10.252	92	67982	19.503	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	33914	19.925	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	41037	19.755	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	20937	20.712	ug/l	91
56) Ethyl methacrylate	10.514	69	24347	21.790	ug/l #	94
57) 1,3-Dichloropropane	10.794	76	35067	20.511	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	64277	110.800	ug/l	100
59) 2-Hexanone	10.837	43	51041	109.630	ug/l	97
60) Dibromochloromethane	10.989	129	27223	21.352	ug/l	97
61) 1,2-Dibromoethane	11.093	107	18728	20.318	ug/l	99
64) Tetrachloroethene	10.727	164	33219	19.707	ug/l	99
65) Chlorobenzene	11.520	112	78016	19.679	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	27307	20.286	ug/l	97
67) Ethyl Benzene	11.599	91	132938	19.506	ug/l	99
68) m/p-Xylenes	11.709	106	99968	38.678	ug/l	99
69) o-Xylene	12.038	106	46807	23.358	ug/l	100
70) Styrene	12.050	104	80177	23.448	ug/l	99
71) Bromoform	12.209	173	15392	20.628	ug/l #	98
73) Isopropylbenzene	12.337	105	126979	19.525	ug/l	100
74) N-amyl acetate	12.148	43	22546	20.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	22126	19.668	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	16474m	19.481	ug/l	
77) Bromobenzene	12.611	156	29813	19.248	ug/l	99
78) n-propylbenzene	12.678	91	155760	19.629	ug/l	98
79) 2-Chlorotoluene	12.763	91	85142	19.588	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	99449	19.595	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	7269	21.941	ug/l	97
82) 4-Chlorotoluene	12.861	91	85685	19.038	ug/l	97
83) tert-Butylbenzene	13.080	119	90559	19.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	101613	20.102	ug/l	99
85) sec-Butylbenzene	13.257	105	141713	20.462	ug/l	99
86) p-Isopropyltoluene	13.373	119	112441	19.423	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	61283	19.940	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	60273	20.489	ug/l	99
89) n-Butylbenzene	13.702	91	105470	19.803	ug/l	98
90) Hexachloroethane	13.964	117	23736	20.620	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	52747	20.705	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3023	19.886	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	28731	20.590	ug/l	99
94) Hexachlorobutadiene	15.111	225	17077	20.188	ug/l	98
95) Naphthalene	15.239	128	43617	21.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	23245	19.721	ug/l	97

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

