

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016897.D
 Acq On : 02 Jan 2024 16:21
 Operator : SY/MD
 Sample : VY0102SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBSD01

Quant Time: Jan 03 00:19:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	142416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	241131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	206642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	91188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67343	47.843	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.680%		
35) Dibromofluoromethane	7.734	113	70490	45.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.740%		
50) Toluene-d8	10.191	98	253161	47.845	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.496	95	82616	46.278	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22075	18.617	ug/l	97
3) Chloromethane	2.125	50	31396	18.766	ug/l	96
4) Vinyl Chloride	2.260	62	37090	18.795	ug/l	98
5) Bromomethane	2.656	94	27182	19.227	ug/l	98
6) Chloroethane	2.808	64	25082	18.790	ug/l	99
7) Trichlorofluoromethane	3.137	101	46824	19.258	ug/l	98
8) Diethyl Ether	3.540	74	15426	19.852	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.918	101	30074	19.023	ug/l	100
10) Methyl Iodide	4.113	142	24819	18.453	ug/l	99
11) Tert butyl alcohol	4.966	59	15593	137.312	ug/l	96
12) 1,1-Dichloroethene	3.893	96	25371	18.704	ug/l	93
13) Acrolein	3.747	56	19584	123.608	ug/l	99
14) Allyl chloride	4.497	41	41371	19.292	ug/l	99
15) Acrylonitrile	5.186	53	37021	101.857	ug/l	100
16) Acetone	3.967	43	49505	131.232	ug/l	99
17) Carbon Disulfide	4.216	76	57531	17.750	ug/l	99
18) Methyl Acetate	4.497	43	27589	18.295	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	70993	20.117	ug/l	99
20) Methylene Chloride	4.735	84	55768	26.823	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	28783	18.527	ug/l	98
22) Diisopropyl ether	6.143	45	97578	19.682	ug/l	95
23) Vinyl Acetate	6.082	43	233105	102.545	ug/l	100
24) 1,1-Dichloroethane	6.039	63	56715	19.037	ug/l	98
25) 2-Butanone	7.009	43	60094	120.065	ug/l	100
26) 2,2-Dichloropropane	7.003	77	48780	18.884	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	34974	19.205	ug/l	98
28) Bromochloromethane	7.356	49	22282	19.922	ug/l	97
29) Tetrahydrofuran	7.368	42	29374	103.106	ug/l	97
30) Chloroform	7.527	83	59075	19.242	ug/l	97
31) Cyclohexane	7.801	56	44650	18.482	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	50313	19.328	ug/l	99
36) 1,1-Dichloropropene	7.935	75	41090	18.349	ug/l	99
37) Ethyl Acetate	7.094	43	20984	20.620	ug/l	97
38) Carbon Tetrachloride	7.923	117	42789	18.807	ug/l	98
39) Methylcyclohexane	9.197	83	45586	18.108	ug/l	97
40) Benzene	8.179	78	128033	19.059	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10443m	19.485	ug/l	
42) 1,2-Dichloroethane	8.252	62	34460	19.323	ug/l	97
43) Isopropyl Acetate	8.289	43	38524	19.768	ug/l	100
44) Trichloroethene	8.960	130	32275	18.882	ug/l	92
45) 1,2-Dichloropropane	9.228	63	32889	19.004	ug/l	98
46) Dibromomethane	9.319	93	17022	19.286	ug/l	99
47) Bromodichloromethane	9.514	83	45886	19.360	ug/l	97
48) Methyl methacrylate	9.307	41	20113	19.124	ug/l	95
49) 1,4-Dioxane	9.313	88	4158	454.985	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	104931	101.246	ug/l	99
52) Toluene	10.258	92	77739	19.176	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	41011	19.318	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	49573	19.444	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	25502	19.778	ug/l	98
56) Ethyl methacrylate	10.520	69	21155	19.370	ug/l	99
57) 1,3-Dichloropropane	10.807	76	42007	19.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	59205	97.576	ug/l	99
59) 2-Hexanone	10.843	43	83960	110.021	ug/l	98
60) Dibromochloromethane	10.996	129	29393	19.767	ug/l	99
61) 1,2-Dibromoethane	11.099	107	22027	19.662	ug/l	100
64) Tetrachloroethene	10.734	164	26066	19.457	ug/l	96
65) Chlorobenzene	11.532	112	83594	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	31775	19.418	ug/l	99
67) Ethyl Benzene	11.605	91	147418	19.022	ug/l	99
68) m/p-Xylenes	11.715	106	109129	38.362	ug/l	100
69) o-Xylene	12.044	106	50809	19.052	ug/l	100
70) Styrene	12.057	104	74519	19.199	ug/l	99
71) Bromoform	12.221	173	15768	19.573	ug/l #	98
73) Isopropylbenzene	12.343	105	140583	18.879	ug/l	99
74) N-amyl acetate	12.154	43	30924	20.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	29554	19.479	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	20794m	21.013	ug/l	
77) Bromobenzene	12.624	156	31451	19.183	ug/l	98
78) n-propylbenzene	12.684	91	170719	18.858	ug/l	100
79) 2-Chlorotoluene	12.770	91	94412	18.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	112873	19.166	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	8154	18.711	ug/l	100
82) 4-Chlorotoluene	12.867	91	98496	19.205	ug/l	99
83) tert-Butylbenzene	13.087	119	97905	18.874	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	110908	19.123	ug/l	98
85) sec-Butylbenzene	13.264	105	146479	19.058	ug/l	100
86) p-Isopropyltoluene	13.379	119	119106	18.777	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	61041	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	60244	19.156	ug/l	98
89) n-Butylbenzene	13.709	91	117341	19.240	ug/l	98
90) Hexachloroethane	13.971	117	25336	18.588	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	53589	19.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3890	20.446	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	28390	20.575	ug/l	96
94) Hexachlorobutadiene	15.123	225	16675	19.291	ug/l	99
95) Naphthalene	15.251	128	49336	21.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23613	20.154	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

