

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016544.D
 Acq On : 30 Nov 2023 09:58
 Operator : SY/MD
 Sample : VY1130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1130SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Dec 01 00:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						12/01/2023
1) Pentafluorobenzene	7.813	168	173132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	262155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	227487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	103781	50.000	ug/l	0.00
System Monitoring Compounds						12/01/2023
33) 1,2-Dichloroethane-d4	8.167	65	70163	51.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.740	113	80249	52.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.197	98	310259	51.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.501	95	99444	53.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	33149	21.980	ug/l	96
3) Chloromethane	2.125	50	31040	20.632	ug/l	99
4) Vinyl Chloride	2.265	62	36329	21.395	ug/l	97
5) Bromomethane	2.668	94	23426	21.312	ug/l	97
6) Chloroethane	2.814	64	22138	20.195	ug/l	92
7) Trichlorofluoromethane	3.143	101	61898	21.056	ug/l	99
8) Diethyl Ether	3.552	74	16233	20.791	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.918	101	35613	21.342	ug/l	98
10) Methyl Iodide	4.119	142	38331	20.303	ug/l	97
11) Tert butyl alcohol	4.978	59	9304	107.320	ug/l #	84
12) 1,1-Dichloroethene	3.899	96	32354	20.746	ug/l	82
13) Acrolein	3.753	56	15845	96.453	ug/l	97
14) Allyl chloride	4.509	41	36558	20.391	ug/l #	87
15) Acrylonitrile	5.192	53	28815	104.293	ug/l	98
16) Acetone	3.972	43	33455	123.969	ug/l	90
17) Carbon Disulfide	4.222	76	88844	20.192	ug/l	99
18) Methyl Acetate	4.503	43	19914	19.669	ug/l #	82
19) Methyl tert-butyl Ether	5.247	73	72095	21.213	ug/l	93
20) Methylene Chloride	4.747	84	37493	21.931	ug/l #	80
21) trans-1,2-Dichloroethene	5.253	96	35824	20.624	ug/l	86
22) Diisopropyl ether	6.149	45	80617	21.444	ug/l #	85
23) Vinyl Acetate	6.088	43	185834	107.192	ug/l #	84
24) 1,1-Dichloroethane	6.045	63	55648	20.975	ug/l	98
25) 2-Butanone	7.008	43	42920	116.301	ug/l #	85
26) 2,2-Dichloropropane	7.008	77	54842	20.915	ug/l	95
27) cis-1,2-Dichloroethene	7.015	96	39664	21.255	ug/l	86
28) Bromochloromethane	7.356	49	18904	19.715	ug/l #	65
29) Tetrahydrofuran	7.374	42	21084	106.348	ug/l #	77
30) Chloroform	7.533	83	62851	21.254	ug/l	99
31) Cyclohexane	7.813	56	49022	20.415	ug/l #	71
32) 1,1,1-Trichloroethane	7.728	97	60066	20.961	ug/l	96
36) 1,1-Dichloropropene	7.941	75	48571	21.377	ug/l	97
37) Ethyl Acetate	7.100	43	15524	21.800	ug/l #	88
38) Carbon Tetrachloride	7.929	117	57729	21.648	ug/l	97
39) Methylcyclohexane	9.203	83	58952	20.802	ug/l	87
40) Benzene	8.185	78	138239	21.459	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.332	41	7282	19.412	ug/l	#	87
42) 1,2-Dichloroethane	8.258	62	34628	21.691	ug/l		89
43) Isopropyl Acetate	8.295	43	29184	20.841	ug/l	#	81
44) Trichloroethene	8.965	130	42410	21.373	ug/l		87
45) 1,2-Dichloropropane	9.240	63	30851	21.223	ug/l		93
46) Dibromomethane	9.325	93	17160	20.994	ug/l		94
47) Bromodichloromethane	9.514	83	46602	21.594	ug/l		94
48) Methyl methacrylate	9.313	41	16315	20.753	ug/l	#	73
49) 1,4-Dioxane	9.313	88	3570	471.208	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.087	43	76846	105.194	ug/l	#	82
52) Toluene	10.264	92	88274	21.331	ug/l		95
53) t-1,3-Dichloropropene	10.483	75	42268	21.136	ug/l		99
54) cis-1,3-Dichloropropene	9.947	75	51837	21.391	ug/l	#	83
55) 1,1,2-Trichloroethane	10.660	97	25152	21.325	ug/l		94
56) Ethyl methacrylate	10.526	69	21269	21.308	ug/l	#	77
57) 1,3-Dichloropropane	10.813	76	41049	21.606	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.801	63	63075	102.191	ug/l	#	86
59) 2-Hexanone	10.849	43	68091	118.001	ug/l		80
60) Dibromochloromethane	11.002	129	33371	21.646	ug/l		99
61) 1,2-Dibromoethane	11.111	107	23717	21.293	ug/l		99
64) Tetrachloroethene	10.739	164	42733	21.107	ug/l		96
65) Chlorobenzene	11.532	112	97935	21.497	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.605	131	37367	21.396	ug/l		99
67) Ethyl Benzene	11.611	91	171297	21.420	ug/l		98
68) m/p-Xylenes	11.721	106	131761	42.573	ug/l		93
69) o-Xylene	12.050	106	61727	21.725	ug/l		93
70) Styrene	12.062	104	87716	21.456	ug/l		97
71) Bromoform	12.227	173	18999	21.061	ug/l	#	99
73) Isopropylbenzene	12.349	105	169771	21.571	ug/l		99
74) N-amyl acetate	12.160	43	24014	21.606	ug/l	#	81
75) 1,1,2,2-Tetrachloroethane	12.599	83	24808	21.235	ug/l		98
76) 1,2,3-Trichloropropane	12.648	75	18741m	21.507	ug/l		
77) Bromobenzene	12.629	156	38709	21.123	ug/l		87
78) n-propylbenzene	12.690	91	195583	21.722	ug/l		97
79) 2-Chlorotoluene	12.776	91	106977	21.361	ug/l		97
80) 1,3,5-Trimethylbenzene	12.831	105	138785	21.937	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.398	75	8453	21.157	ug/l		86
82) 4-Chlorotoluene	12.873	91	112324	21.845	ug/l		98
83) tert-Butylbenzene	13.093	119	122155	21.395	ug/l		96
84) 1,2,4-Trimethylbenzene	13.135	105	134600	21.852	ug/l		97
85) sec-Butylbenzene	13.270	105	174161	22.055	ug/l		99
86) p-Isopropyltoluene	13.385	119	149812	21.958	ug/l		98
87) 1,3-Dichlorobenzene	13.385	146	74042	21.397	ug/l		100
88) 1,4-Dichlorobenzene	13.465	146	73123	21.590	ug/l		99
89) n-Butylbenzene	13.715	91	130785	21.870	ug/l		96
90) Hexachloroethane	13.977	117	28557	21.452	ug/l		95
91) 1,2-Dichlorobenzene	13.757	146	63966	21.812	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3405	20.718	ug/l		81
93) 1,2,4-Trichlorobenzene	15.025	180	33402	20.737	ug/l		99
94) Hexachlorobutadiene	15.129	225	22496	22.149	ug/l		97
95) Naphthalene	15.257	128	52487	19.717	ug/l		98
96) 1,2,3-Trichlorobenzene	15.446	180	26193	20.515	ug/l		98

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

12/01/2023
Supervised By :Semsettin
Yesilyurt

12/01/2023

