

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019819.D
 Acq On : 08 Oct 2024 12:20
 Operator : SY/MD
 Sample : VY1008SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008SBS01

Quant Time: Oct 09 02:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2024
 Supervised By :Semsettin Yesilyurt 10/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	247589	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	425249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	170947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129961	56.687	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	113.380%	
35) Dibromofluoromethane	7.634	113	123788	51.341	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	102.680%	
50) Toluene-d8	10.103	98	441809	49.541	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	99.080%	
62) 4-Bromofluorobenzene	12.402	95	162795	47.475	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	94.960%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	31595	20.970	ug/l	97
3) Chloromethane	2.068	50	34309	16.749	ug/l	97
4) Vinyl Chloride	2.202	62	40891	18.461	ug/l	92
5) Bromomethane	2.592	94	29140	21.417	ug/l	96
6) Chloroethane	2.733	64	30273	20.907	ug/l	97
7) Trichlorofluoromethane	3.056	101	77198	20.908	ug/l	96
8) Diethyl Ether	3.452	74	25234	20.360	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.818	101	49327	21.596	ug/l	93
10) Methyl Iodide	4.007	142	38701	13.215	ug/l	92
11) Tert butyl alcohol	4.885	59	28589	154.412	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	38808	17.667	ug/l	90
13) Acrolein	3.659	56	7566	74.846	ug/l	95
14) Allyl chloride	4.385	41	76083	19.314	ug/l #	91
15) Acrylonitrile	5.074	53	68952	129.023	ug/l	99
16) Acetone	3.879	43	75697	138.593	ug/l #	85
17) Carbon Disulfide	4.104	76	42135	7.099	ug/l #	95
18) Methyl Acetate	4.397	43	33539	22.628	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	148649	23.893	ug/l	100
20) Methylene Chloride	4.616	84	54465	21.866	ug/l #	84
21) trans-1,2-Dichloroethene	5.122	96	42908	17.821	ug/l	93
22) Diisopropyl ether	6.025	45	201628	24.925	ug/l #	92
23) Vinyl Acetate	5.964	43	550333	119.106	ug/l #	92
24) 1,1-Dichloroethane	5.921	63	106146	23.384	ug/l	96
25) 2-Butanone	6.903	43	104630	134.692	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	95581	23.343	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	63680	21.773	ug/l	86
28) Bromochloromethane	7.250	49	36673	19.201	ug/l #	79
29) Tetrahydrofuran	7.268	42	56908	120.488	ug/l #	83
30) Chloroform	7.421	83	112865	24.356	ug/l	96
31) Cyclohexane	7.701	56	64733	15.777	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	93788	22.581	ug/l	95
36) 1,1-Dichloropropene	7.835	75	64582	19.685	ug/l	95
37) Ethyl Acetate	6.988	43	41848	24.895	ug/l	95
38) Carbon Tetrachloride	7.817	117	76612	20.708	ug/l	99
39) Methylcyclohexane	9.110	83	67114	15.372	ug/l #	89
40) Benzene	8.079	78	210576	20.839	ug/l	99

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 Supervised By :Semsettin Yesilyurt 10/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23146	23.621	ug/l	88
42) 1,2-Dichloroethane	8.158	62	66193	24.344	ug/l	95
43) Isopropyl Acetate	8.201	43	86734	24.559	ug/l #	88
44) Trichloroethene	8.866	130	52418	20.170	ug/l	100
45) 1,2-Dichloropropane	9.140	63	58166	23.545	ug/l	100
46) Dibromomethane	9.231	93	31098	23.019	ug/l	92
47) Bromodichloromethane	9.420	83	89208	24.565	ug/l	97
48) Methyl methacrylate	9.219	41	38108	22.850	ug/l #	81
49) 1,4-Dioxane	9.238	88	7349	462.095	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	226882	127.696	ug/l	90
52) Toluene	10.170	92	136610	21.020	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	76972	22.235	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	88037	21.840	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	45783	24.540	ug/l	96
56) Ethyl methacrylate	10.439	69	63300	22.336	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	77684	24.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	135029	102.657	ug/l	94
59) 2-Hexanone	10.762	43	164035	125.930	ug/l	87
60) Dibromochloromethane	10.908	129	57983	23.495	ug/l	99
61) 1,2-Dibromoethane	11.012	107	38759	22.297	ug/l	99
64) Tetrachloroethene	10.646	164	42867	18.981	ug/l	92
65) Chlorobenzene	11.438	112	160388	22.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.512	131	57072	22.978	ug/l	98
67) Ethyl Benzene	11.518	91	288035	22.597	ug/l	98
68) m/p-Xylenes	11.627	106	211521	43.886	ug/l	94
69) o-Xylene	11.950	106	102282	21.699	ug/l	90
70) Styrene	11.969	104	175948	22.109	ug/l	96
71) Bromoform	12.127	173	30124	21.234	ug/l #	98
73) Isopropylbenzene	12.249	105	285569	23.027	ug/l	100
74) N-ethyl acetate	12.066	43	77913	23.100	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	55248	25.099	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	36373m	22.701	ug/l	
77) Bromobenzene	12.530	156	61681	22.425	ug/l	86
78) n-propylbenzene	12.591	91	349040	23.745	ug/l	98
79) 2-Chlorotoluene	12.676	91	199169	23.250	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	230971	22.909	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16881	20.225	ug/l	88
82) 4-Chlorotoluene	12.773	91	206022	23.393	ug/l	95
83) tert-Butylbenzene	12.993	119	209912	22.998	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	231666	23.213	ug/l	97
85) sec-Butylbenzene	13.170	105	316095	23.839	ug/l	99
86) p-Isopropyltoluene	13.286	119	257029	23.693	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	125496	23.481	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	126251	23.802	ug/l	96
89) n-Butylbenzene	13.615	91	249494	24.057	ug/l	98
90) Hexachloroethane	13.877	117	49838	22.079	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	110367	23.141	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7993	21.787	ug/l	83
93) 1,2,4-Trichlorobenzene	14.913	180	61737	21.283	ug/l	95
94) Hexachlorobutadiene	15.017	225	34078	21.991	ug/l	100
95) Naphthalene	15.139	128	114881	19.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50894	20.512	ug/l	97

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

