

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020052.D
 Acq On : 29 Oct 2024 11:27
 Operator : SY/MD
 Sample : VY1029SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1029SBS02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 01:21:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	192041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	336078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	294729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	140042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	131406	55.572	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.140%			
35) Dibromofluoromethane	7.640	113	122522	55.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.500%			
50) Toluene-d8	10.109	98	439117	53.617	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.240%			
62) 4-Bromofluorobenzene	12.408	95	155941	52.697	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	27562	15.417	ug/l	97
3) Chloromethane	2.074	50	35297	15.170	ug/l	96
4) Vinyl Chloride	2.208	62	42155	16.464	ug/l	95
5) Bromomethane	2.592	94	28835	17.792	ug/l	100
6) Chloroethane	2.733	64	31396	18.252	ug/l	99
7) Trichlorofluoromethane	3.062	101	69201	18.163	ug/l	94
8) Diethyl Ether	3.458	74	21104	18.226	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	41246	18.612	ug/l	91
10) Methyl Iodide	4.007	142	32498	14.499	ug/l #	88
11) Tert butyl alcohol	4.842	59	29201	145.062	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	33148	16.090	ug/l	86
13) Acrolein	3.659	56	12413	71.442	ug/l	97
14) Allyl chloride	4.391	41	65947	17.741	ug/l #	90
15) Acrylonitrile	5.061	53	60569	114.362	ug/l	96
16) Acetone	3.867	43	83672	135.932	ug/l #	78
17) Carbon Disulfide	4.104	76	52736	9.550	ug/l	96
18) Methyl Acetate	4.391	43	27354	20.629	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	122621	20.717	ug/l	96
20) Methylene Chloride	4.623	84	49722	21.400	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	36813	16.418	ug/l	86
22) Diisopropyl ether	6.025	45	179961	22.226	ug/l #	90
23) Vinyl Acetate	5.964	43	482500	103.947	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	93498	20.773	ug/l	96
25) 2-Butanone	6.896	43	107166	130.068	ug/l #	78
26) 2,2-Dichloropropane	6.896	77	80717	20.137	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	54014	19.493	ug/l	80
28) Bromochloromethane	7.244	49	44110	22.266	ug/l #	67
29) Tetrahydrofuran	7.262	42	51101	108.624	ug/l #	82
30) Chloroform	7.427	83	100901	21.992	ug/l	97
31) Cyclohexane	7.707	56	62294	15.767	ug/l	86
32) 1,1,1-Trichloroethane	7.616	97	79637	19.806	ug/l #	92
36) 1,1-Dichloropropene	7.835	75	56618	17.720	ug/l	96
37) Ethyl Acetate	6.988	43	37875	22.734	ug/l	96
38) Carbon Tetrachloride	7.817	117	63985	18.681	ug/l	96
39) Methylcyclohexane	9.116	83	61197	15.201	ug/l	88
40) Benzene	8.085	78	184035	19.033	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	21177	23.486	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	57820	20.814	ug/l	95
43) Isopropyl Acetate	8.201	43	73050	21.500	ug/l #	79
44) Trichloroethene	8.866	130	43565	18.602	ug/l	98
45) 1,2-Dichloropropane	9.146	63	53675	22.178	ug/l	96
46) Dibromomethane	9.231	93	26286	19.879	ug/l	92
47) Bromodichloromethane	9.427	83	77311	22.027	ug/l	95
48) Methyl methacrylate	9.225	41	32229	21.564	ug/l #	77
49) 1,4-Dioxane	9.231	88	6598	445.819	ug/l #	79
51) 4-Methyl-2-Pentanone	10.000	43	205007	118.293	ug/l	88
52) Toluene	10.170	92	116202	19.252	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	62361	19.747	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	72464	19.447	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	38740	22.237	ug/l	95
56) Ethyl methacrylate	10.439	69	51265	20.507	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	67376	22.022	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	132482	113.841	ug/l	91
59) 2-Hexanone	10.762	43	154808	125.068	ug/l	85
60) Dibromochloromethane	10.908	129	48506	21.692	ug/l	98
61) 1,2-Dibromoethane	11.018	107	32284	20.507	ug/l	95
64) Tetrachloroethene	10.646	164	36034	17.189	ug/l #	88
65) Chlorobenzene	11.438	112	132018	19.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	47477	20.816	ug/l	99
67) Ethyl Benzene	11.518	91	237031	19.356	ug/l	99
68) m/p-Xylenes	11.627	106	170643	37.732	ug/l	90
69) o-Xylene	11.950	106	82429	18.970	ug/l	89
70) Styrene	11.969	104	143237	19.538	ug/l	94
71) Bromoform	12.133	173	26338	21.571	ug/l #	97
73) Isopropylbenzene	12.255	105	231268	19.633	ug/l	98
74) N-amyl acetate	12.072	43	63725	20.426	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	49063	23.441	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	32639m	11.897	ug/l	
77) Bromobenzene	12.530	156	47152	18.863	ug/l	79
78) n-propylbenzene	12.597	91	289706	20.354	ug/l	97
79) 2-Chlorotoluene	12.682	91	163675	20.059	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	187286	19.688	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	13660	20.098	ug/l #	81
82) 4-Chlorotoluene	12.780	91	168366	20.179	ug/l	94
83) tert-Butylbenzene	12.999	119	171652	20.142	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	183345	19.440	ug/l	96
85) sec-Butylbenzene	13.176	105	258714	20.319	ug/l	96
86) p-Isopropyltoluene	13.292	119	204107	19.741	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	100144	19.839	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	97988	19.759	ug/l	96
89) n-Butylbenzene	13.615	91	203844	20.191	ug/l	97
90) Hexachloroethane	13.877	117	40656	20.194	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	91185	20.558	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7352	22.009	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	45405	18.256	ug/l	96
94) Hexachlorobutadiene	15.023	225	26094	18.872	ug/l	99
95) Naphthalene	15.145	128	84360	17.984	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37939	18.046	ug/l	99

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

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