

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011173.D
 Acq On : 28 Oct 2022 22:35
 Operator : KP/MD
 Sample : VY1028SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS02

Quant Time: Oct 28 23:48:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

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

Internal Standards						11/01/2022
1) Pentafluorobenzene	7.789	168	251879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	382513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	186474	50.000	ug/l	0.00
System Monitoring Compounds						11/01/2022
33) 1,2-Dichloroethane-d4	8.136	65	131859	50.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.715	113	130504	50.086	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.178	98	517845	50.167	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.477	95	170775	50.561	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	26431	19.497	ug/l	99
3) Chloromethane	2.113	50	36974	20.572	ug/l	95
4) Vinyl Chloride	2.247	62	42489	19.784	ug/l	98
5) Bromomethane	2.643	94	31326	21.670	ug/l	99
6) Chloroethane	2.789	64	29854	20.072	ug/l	98
7) Trichlorofluoromethane	3.119	101	70671	19.850	ug/l	96
8) Diethyl Ether	3.527	74	26027	20.294	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	43746	19.457	ug/l	94
10) Methyl Iodide	4.088	142	46518	18.885	ug/l	91
11) Tert butyl alcohol	4.942	59	37287	146.195	ug/l	96
12) 1,1-Dichloroethene	3.869	96	40332	19.933	ug/l	82
13) Acrolein	3.728	56	19695	114.373	ug/l	99
14) Allyl chloride	4.478	41	64270	20.456	ug/l #	86
15) Acrylonitrile	5.155	53	70571	99.720	ug/l	98
16) Acetone	3.942	43	51707	81.142	ug/l #	83
17) Carbon Disulfide	4.192	76	104637	20.797	ug/l	98
18) Methyl Acetate	4.472	43	43606	24.720	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	120463	20.170	ug/l	95
20) Methylene Chloride	4.710	84	90209	31.845	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	46763	20.157	ug/l	87
22) Diisopropyl ether	6.118	45	151078	20.916	ug/l #	91
23) Vinyl Acetate	6.057	43	410034	99.850	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	91108	20.415	ug/l	100
25) 2-Butanone	6.984	43	85765	93.891	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	75192	18.853	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	57237	20.364	ug/l	89
28) Bromochloromethane	7.331	49	40913	20.078	ug/l #	86
29) Tetrahydrofuran	7.344	42	55053	101.154	ug/l #	85
30) Chloroform	7.502	83	95555	20.395	ug/l	100
31) Cyclohexane	7.782	56	71735	20.054	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	81065	20.336	ug/l	96
36) 1,1-Dichloropropene	7.917	75	65563	19.301	ug/l	98
37) Ethyl Acetate	7.069	43	37960	19.751	ug/l #	91
38) Carbon Tetrachloride	7.898	117	71262	19.260	ug/l	97
39) Methylcyclohexane	9.185	83	72867	19.225	ug/l	92
40) Benzene	8.160	78	203525	20.013	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.307	41	16848	16.775	ug/l	#	58
42) 1,2-Dichloroethane	8.234	62	58013	20.050	ug/l		91
43) Isopropyl Acetate	8.270	43	65611	19.146	ug/l	#	87
44) Trichloroethene	8.935	130	53116	19.433	ug/l		94
45) 1,2-Dichloropropane	9.215	63	53252	19.893	ug/l		92
46) Dibromomethane	9.307	93	29698	19.846	ug/l		95
47) Bromodichloromethane	9.496	83	74004	20.012	ug/l		99
48) Methyl methacrylate	9.288	41	29481	19.300	ug/l	#	79
49) 1,4-Dioxane	9.294	88	8497	411.397	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.069	43	190220	98.447	ug/l	#	88
52) Toluene	10.239	92	128199	20.139	ug/l		96
53) t-1,3-Dichloropropene	10.465	75	72621	19.586	ug/l		100
54) cis-1,3-Dichloropropene	9.928	75	82520	19.635	ug/l	#	80
55) 1,1,2-Trichloroethane	10.642	97	44065	19.784	ug/l		95
56) Ethyl methacrylate	10.508	69	54650	19.496	ug/l	#	76
57) 1,3-Dichloropropane	10.788	76	74089	19.928	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.782	63	88920	83.695	ug/l		97
59) 2-Hexanone	10.831	43	128237	96.166	ug/l		85
60) Dibromochloromethane	10.983	129	52690	20.006	ug/l		100
61) 1,2-Dibromoethane	11.087	107	39943	19.756	ug/l		99
64) Tetrachloroethene	10.715	164	51844	19.643	ug/l		98
65) Chlorobenzene	11.514	112	140435	19.938	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.587	131	54224	19.841	ug/l		97
67) Ethyl Benzene	11.593	91	240605	19.554	ug/l		99
68) m/p-Xylenes	11.696	106	186629	39.797	ug/l		96
69) o-Xylene	12.026	106	89075	19.915	ug/l		94
70) Styrene	12.044	104	153863	20.129	ug/l		96
71) Bromoform	12.202	173	33004	19.709	ug/l	#	99
73) Isopropylbenzene	12.324	105	236605	19.433	ug/l		99
74) N-amyl acetate	12.141	43	54990	18.400	ug/l	#	81
75) 1,1,2,2-Tetrachloroethane	12.580	83	52550	19.784	ug/l		99
76) 1,2,3-Trichloropropane	12.629	75	44015m	22.703	ug/l		
77) Bromobenzene	12.605	156	56872	19.861	ug/l		99
78) n-propylbenzene	12.666	91	291675	19.700	ug/l		100
79) 2-Chlorotoluene	12.757	91	165760	19.574	ug/l		100
80) 1,3,5-Trimethylbenzene	12.812	105	201751	19.667	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.373	75	17233	18.877	ug/l	#	84
82) 4-Chlorotoluene	12.855	91	171650	19.539	ug/l		100
83) tert-Butylbenzene	13.074	119	173082	19.329	ug/l		94
84) 1,2,4-Trimethylbenzene	13.117	105	202421	20.047	ug/l		100
85) sec-Butylbenzene	13.251	105	263037	19.645	ug/l		99
86) p-Isopropyltoluene	13.367	119	215655	19.606	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	113688	19.556	ug/l		99
88) 1,4-Dichlorobenzene	13.440	146	113063	19.441	ug/l		97
89) n-Butylbenzene	13.696	91	197542	19.227	ug/l		100
90) Hexachloroethane	13.958	117	44269	19.266	ug/l		88
91) 1,2-Dichlorobenzene	13.733	146	103033	19.702	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	8143	19.043	ug/l		82
93) 1,2,4-Trichlorobenzene	15.001	180	57282	19.141	ug/l		98
94) Hexachlorobutadiene	15.110	225	34973	19.351	ug/l		99
95) Naphthalene	15.232	128	115339	20.074	ug/l		98
96) 1,2,3-Trichlorobenzene	15.421	180	51131	19.627	ug/l		99

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

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Supervised By :Mahesh
Dadoda

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