

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028625.D
 Acq On : 18 Oct 2022 20:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005328

Quant Time: Oct 19 00:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.580	114	276602	5.000	ug/L	-0.03
28) Chlorobenzene-d5	8.854	117	162908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	82112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	58596	2.462	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.200%
7) Chloroethane-d5	1.555	69	57594	2.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.800%#
11) 1,1-Dichloroethene-d2	2.095	63	126833	2.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.944	46	248129	48.486	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	4.339	84	132166	3.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.031	65	82596	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.037	84	260664	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.040	67	102545	6.041	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.800%
41) Toluene-d8	7.317	98	156247	3.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	7.628	79	18589	3.242	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.114	63	115837	46.801	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50423	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	56891	4.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	49306	3.156	ug/L	97
3) Chloromethane	1.230	50	96328	3.684	ug/L	100
5) Vinyl chloride	1.298	62	95140	3.735	ug/L	96
6) Bromomethane	1.510	94	42941	3.744	ug/L	95
8) Chloroethane	1.574	64	61485	3.722	ug/L	99
9) Trichlorofluoromethane	1.741	101	116079	3.729	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	67913	3.701	ug/L	98
12) 1,1-Dichloroethene	2.105	96	62983	3.662	ug/L	93
13) Acetone	2.230	43	124337	34.599	ug/L	89
14) Carbon disulfide	2.278	76	160618	3.335	ug/L	100
15) Methyl Acetate	2.449	43	45130	5.307	ug/L	96
16) Methylene chloride	2.494	84	80907	3.335	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	192118	4.398	ug/L	100
18) trans-1,2-Dichloroethene	2.744	96	70720	3.943	ug/L	98
19) 1,1-Dichloroethane	3.175	63	163919	4.061	ug/L	100
21) 2-Butanone	4.027	43	248329	48.246	ug/L	99
22) cis-1,2-Dichloroethene	3.896	96	80420	3.966	ug/L #	99
23) Bromochloromethane	4.236	128	29665	3.815	ug/L	97
25) Chloroform	4.368	83	153724	4.019	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101822\
 Data File : VV028625.D
 Acq On : 18 Oct 2022 20:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005328

Quant Time: Oct 19 00:42:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	111913	4.914	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	122571	5.443	ug/L	98
30) Cyclohexane	4.658	56	143736	5.528	ug/L	98
31) Carbon tetrachloride	4.812	117	101120	5.711	ug/L	98
33) Benzene	5.085	78	338669	5.883	ug/L	100
34) Trichloroethene	5.870	95	79710	5.798	ug/L	96
35) Methylcyclohexane	6.079	83	147698	6.452	ug/L	94
37) 1,2-Dichloropropane	6.153	63	92240	6.297	ug/L	100
38) Bromodichloromethane	6.513	83	85736	5.132	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	91623	4.695	ug/L	99
40) 4-Methyl-2-pentanone	7.262	43	418387	52.446	ug/L	99
42) Toluene	7.391	91	249328	4.616	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	61786	4.129	ug/L	99
45) 1,1,2-Trichloroethane	7.850	97	41657	5.115	ug/L	98
47) Tetrachloroethene	7.973	164	41102	4.593	ug/L	96
48) 2-Hexanone	8.165	43	292750	53.053	ug/L	98
49) Dibromochloromethane	8.249	129	39046	4.495	ug/L	99
50) 1,2-Dibromoethane	8.358	107	36196	5.048	ug/L	98
51) Chlorobenzene	8.882	112	155432	4.642	ug/L	99
52) Ethylbenzene	9.011	91	273078	4.552	ug/L	99
53) m,p-Xylene	9.136	106	99356	4.428	ug/L	99
54) o-Xylene	9.538	106	100439	4.618	ug/L	98
55) Styrene	9.558	104	169080	4.595	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	53141	5.311	ug/L	96
59) Bromoform	9.728	173	16988	4.109	ug/L	97
60) Isopropylbenzene	9.927	105	269762	4.501	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	38056	5.187	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	76955	4.268	ug/L	98
63) 1,2,4-Trimethylbenzene	10.908	105	214667	4.354	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	113238	4.479	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	112420	4.536	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	107332	4.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	6628	4.351	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	81859	4.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	61933	4.396	ug/L	98
71) Naphthalene	13.493	128	97042	4.597	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	56158	4.837	ug/L	100

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

