

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028732.D
 Acq On : 27 Oct 2022 20:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005337

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 02:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	196979	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	186076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	89024	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	60211	4.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.564	69	56975	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.105	63	128723	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.895	46	155864	49.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.800%
24) Chloroform-d	4.342	84	121231	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.030	65	59611	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.047	84	228878	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.066	67	79421	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.310	98	191335	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.622	79	18458	3.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.088	63	131548	57.745	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.480%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55574	5.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	62981	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44662	5.377	ug/L	95
3) Chloromethane	1.236	50	81791	5.274	ug/L	98
5) Vinyl chloride	1.307	62	80056	5.195	ug/L	98
6) Bromomethane	1.519	94	37771	5.131	ug/L	98
8) Chloroethane	1.584	64	57410m	5.480	ug/L	
9) Trichlorofluoromethane	1.751	101	111730	5.441	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62655	5.135	ug/L	99
12) 1,1-Dichloroethene	2.114	96	59202	5.469	ug/L	83
13) Acetone	2.185	43	115234	62.150	ug/L	100
14) Carbon disulfide	2.291	76	104884	4.196	ug/L	100
15) Methyl Acetate	2.436	43	28208	5.014	ug/L	94
16) Methylene chloride	2.503	84	72394	4.849	ug/L	92
17) Methyl tert-butyl Ether	2.767	73	150432	5.297	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	56211	5.159	ug/L	96
19) 1,1-Dichloroethane	3.185	63	142200	5.407	ug/L	97
21) 2-Butanone	3.986	43	178537	56.026	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	69012	5.283	ug/L #	99
23) Bromochloromethane	4.243	128	26038	5.332	ug/L	91
25) Chloroform	4.371	83	132672	5.186	ug/L	97

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27) 1,2-Dichloroethane	5.127	62	78729	5.208	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	99330	4.438	ug/L	98
30) Cyclohexane	4.670	56	102948	4.439	ug/L	99
31) Carbon tetrachloride	4.825	117	74163	4.126	ug/L	100
33) Benzene	5.095	78	284743	5.120	ug/L	100
34) Trichloroethene	5.911	95	65523	4.756	ug/L	96
35) Methylcyclohexane	6.127	83	92914	4.882	ug/L	98
37) 1,2-Dichloropropane	6.169	63	76935	5.415	ug/L	99
38) Bromodichloromethane	6.506	83	83836	4.934	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	78864	4.579	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	488854	58.107	ug/L	100
42) Toluene	7.384	91	284772	5.400	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	59332	4.274	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	46540	5.329	ug/L	95
47) Tetrachloroethene	7.972	164	41534	4.911	ug/L	96
48) 2-Hexanone	8.140	43	329155	55.295	ug/L	99
49) Dibromochloromethane	8.239	129	43457	4.750	ug/L	93
50) 1,2-Dibromoethane	8.349	107	39297	5.169	ug/L	97
51) Chlorobenzene	8.876	112	174465	5.254	ug/L	99
52) Ethylbenzene	9.008	91	312314	5.329	ug/L	97
53) m,p-Xylene	9.133	106	114184	5.396	ug/L	97
54) o-Xylene	9.538	106	114783	5.392	ug/L	94
55) Styrene	9.554	104	194282	5.413	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	58944	5.381	ug/L	98
59) Bromoform	9.725	173	18919	4.328	ug/L	99
60) Isopropylbenzene	9.924	105	307155	5.483	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	42911	5.614	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	87202	5.336	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	245895	5.433	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	126867	5.257	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	125582	5.216	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	119524	5.417	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	6806	4.325	ug/L	94
69) 1,3,5-Trichlorobenzene	12.638	180	88901	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	69572	4.987	ug/L	96
71) Naphthalene	13.493	128	119814	5.012	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	65506	5.298	ug/L	98

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

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