

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102824\
 Data File : VU061264.D
 Acq On : 28 Oct 2024 13:12
 Operator : MD/SY
 Sample : P4533-19DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCNZ6DL

Quant Time: Oct 29 04:47:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 29 04:45:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188519	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	170865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.805	152	79590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44356	3.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.908	69	39680	3.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.600%
11) 1,1-Dichloroethene-d2	2.561	65	19359	3.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.631	46	116473	44.797	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	5.052	84	97299	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	51972	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.718	84	192634	4.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.683	67	61759	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	171026	3.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.174	79	23509	3.979	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.628	63	109375	45.197	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.400%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	48554	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	60926	4.323	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	203227	13.947	ug/L	99
12) 1,1-Dichloroethene	2.573	96	53601	4.809	ug/L	91
16) Methylene chloride	3.040	84	64608	4.919	ug/L	95
18) trans-1,2-Dichloroethene	3.348	96	45349	3.680	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	71444	5.075	ug/L	100
27) 1,2-Dichloroethane	5.785	62	92532	5.991	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	154864	7.401	ug/L	98
31) Carbon tetrachloride	5.515	117	58247	3.253	ug/L	98
33) Benzene	5.763	78	355654	6.730	ug/L	100
34) Trichloroethene	6.535	95	25160	1.750	ug/L	97
37) 1,2-Dichloropropane	6.779	63	103059	7.694	ug/L	99
42) Toluene	7.962	91	288103	5.021	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	21119	2.191	ug/L	97
47) Tetrachloroethene	8.544	164	71699	7.142	ug/L	98
51) Chlorobenzene	9.438	112	203182	5.602	ug/L	99
52) Ethylbenzene	9.563	91	451632	7.155	ug/L	100
53) m,p-Xylene	9.682	106	200912	8.355	ug/L	96
54) o-Xylene	10.094	106	75110	3.165	ug/L	97
55) Styrene	10.107	104	117138	3.079	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.830	146	121206	4.646	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	151635	6.296	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	122993	8.689	ug/L	100

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

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